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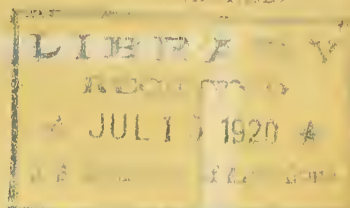
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# BRECK'S

## HIGH GRADE SEEDS

EVERYTHING FOR FARM,  
GARDEN AND LAWN

1822—1917

JOSEPH BRECK & SONS,  
(CORPORATION)  
51 AND 52 NORTH MARKET ST.,  
BOSTON, MASS.

# Breck-Robinson Nursery Co.

ESTABLISHED 1912

A new adjunct to the BRECK ORGANIZATION that has attained an enviable position in the Nursery Trade of New England. Attractive Nurseries and Trial Grounds are readily accessible from all parts of the Metropolitan District, by Railroad, Electric Cars and Automobile. Only ten miles from Boston.

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Complete plans and estimates for all classes of Landscape Development and Forestry Service. Illustrated catalog free on application.

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LEXINGTON

51-52 N. MARKET ST.  
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## BRECK'S BUREAU

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Supplies through its MERCANTILE DEPARTMENT approved Bookkeepers, Cashiers, Stenographers, Salesmen, Clerks, Shippers, Entry Clerks, Boys, Porters, Janitors, Watchmen, Hotel Help, Engineers, Firemen, etc., Help for Institutions and Hospitals, and through its WOMEN'S MERCANTILE DEPARTMENT approved Women Bookkeepers, Cashiers, Stenographers, Saleswomen, Young Women for Office Work, Matrons, Nurses, etc. Hotel Employees for all positions.

When this Bureau was established in 1890 our purpose was to secure to employers a better class of help than they had been obtaining. Rapid growth and many voluntary statements testify to its convenience and the high grade of employees furnished.

Through our large clientage we can serve both employer and employee more promptly and satisfactorily than can any house not having our resources. *The knowledge gained through experience is at the service of employers who desire our aid or advice in the selection of suitable persons for the places they wish to fill.*

On application we will mail circulars descriptive of our Bureau, and blank forms whereon employers and employees can state particulars necessary to guide us in supplying their wants.

In order that Breck's Bureau might be most conveniently located for our mercantile patrons, both men and women, we recently secured commodious quarters at 53 Franklin Street, which we fitted up in an appropriate and attractive manner. Here our Manager, Mr. Wm. E. McGerigle, with an experienced and courteous corps of assistants, is prepared to give the best service in Boston or the country to all persons desiring employees or employment in mercantile lines.

Bear in mind that no person is sent out from our Bureau whose previous record for character and habits has not been carefully investigated and approved.

Yours respectfully,

Telephone, Richmond 2360

Private Branch Exchange  
Connecting all Departments



(CORPORATION.)

## Breck's Horticultural and Agricultural Registry

Employers and employees in these lines will be served at 51 and 52 North Market Street, as formerly, where competent assistants will use every endeavor to give satisfaction to all who favor us. Approved GARDENERS, FLORISTS, FARM MANAGERS, COACHMEN, SUPERINTENDENTS OF COUNTRY ESTATES, PUBLIC AND OTHER INSTITUTIONS, MEN FOR GENERAL WORK ON COUNTRY PLACES, etc., will here find prompt, efficient and courteous service, while employers of such help can rest assured that *only persons who have been deemed worthy of entry in our register will be recommended to them.*

As no charge is made to either employer or employee for the services of Breck's Horticultural and Agricultural Registry, our desire being to improve the service in the general interest of our business, we solicit your hearty co-operation, and it cannot be better expressed than through a liberal use of the facilities we offer.

## BRECK'S REAL ESTATE AGENCY

(Incorporated)

45 AMES BUILDING - BOSTON, MASS.

MEMBER OF THE BOSTON REAL ESTATE EXCHANGE AND AUCTION BOARD

*Farms and Country Homes*

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## Announcement and Invitation



IN 1912 our Vice-President, Mr. Luther Adams Breck, and his wife, spent several months in Holland where they had ample opportunity to become acquainted with the most noted growers of Bulbs, their methods and their wonderful productions.

Mrs. Breck was so fascinated by the fields of glorious color and the whole atmosphere surrounding the growing of these beautiful flowers that since her return to this country she has conceived the idea of reproducing something of what she saw on the other side—a Dutch Garden with its setting of meadow, waterside, hedges and evergreens, surrounding a small thatched house of modest mien.

So last Autumn, encouraged by one of the leading growers of Leiden, who had confidence in Mrs. Breck's ability to make the Gardens a success, we reserved for her use a delightful spot on the shore of the pond at our Nurseries.

But we will let Mrs. Breck speak for herself and tell you about her aspirations and plans:

"The opening of my Trial Gardens at Lexington, in the spring, marks the realization of a desire cherished ever since my delightful sojourn in Holland at that most entrancing season of the year when spring bulbs are in bloom!

"There has always been a demand for the best quality of bulbs in England and, notwithstanding the growing appreciation and enthusiasm in the past few years in this country for the more refined varieties, it has been my wish to encourage and stimulate interest here by growing in a quaint garden, of Dutch atmosphere, a choice selection of the old favorites and the loveliest of the newer sorts, together with a few seedlings, novelties and exclusive importations not offered by the trade. This rare advantage is made possible only through the interest and kindness of my friends in Holland, who are willing to hold in reserve for me limited quantities of their best and largest bulbs. These are selected from their choicest stocks and can be supplied only until the middle of July before orders for the regular Trade are filled. It is necessary, therefore, for my customers to place all orders for these extra quality bulbs before the middle of June.

"As I shall import only to order, I am able to exhibit at Lexington a far wider range of the finer and more expensive varieties than if I carried large stocks, for there is no danger of surplus bulbs being left on hand at the end of the season.

"Prices will be quoted, if desired, on any varieties not included in my special list of Hyacinths, Tulips, and Narcissi; orders may also be placed for new and superior seedlings of Crocuses and the miscellaneous spring flowering bulbs so attractive for rock work and borders.

"At my Trial Gardens visitors have the opportunity of studying the form and characteristics of the individual flower, and of selecting color harmonies which will reflect in their gardens some-



thing of their own personality. The Darwin Tulips, particularly, offer unlimited scope in creating exquisite color effects. The beauty of their pastel tones fills one with a passion for arranging soft color contrasts, isolated groupings against dark backgrounds or intermingling with other hardy flowers in the border.

"There will be in the Spring some thirty or forty thousand bulbs in bloom. The Daffodils, Hyacinths, and Early Tulips are in flower ordinarily from the end of April to the middle of May, while the Darwins and late Tulips come from the middle of May to the middle of June.

"Notice will be sent, on request, of the exact dates upon which the flowers are to be seen at their best. Visitors are welcome on any week day. Tea is served on the Terrace under the trees."

MARGUERITE BRECK.

My garden is located on the grounds of the Breck-Robinson Nurseries, Lexington (Munroe Station), Mass., where letters or inquiries may be addressed to me. Telephone: Lexington, 260.

It may be reached by motor over the Paul Revere Route, via Massachusetts Avenue from Boston through Cambridge.

By train from the North Station.

By any Electric Car connecting at Harvard Square.





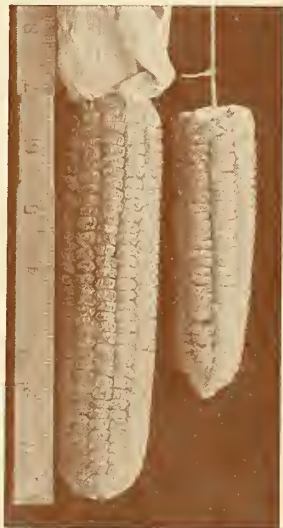
# Golden Giant

(DE LUE'S)

## Sweet Corn



The most important Horticultural acquisition of recent years. Awarded a SILVER MEDAL for novelty and excellence by the MASSACHUSETTS HORTICULTURAL SOCIETY. This Society is the oldest important one of its kind in the United States. Its Silver Medal is only awarded for a new vegetable or fruit of surpassing excellence. This Medal has never before been awarded for Sweet Corn.



Golden Giant

Golden Bantam



Cross Section of Golden Giant Corn



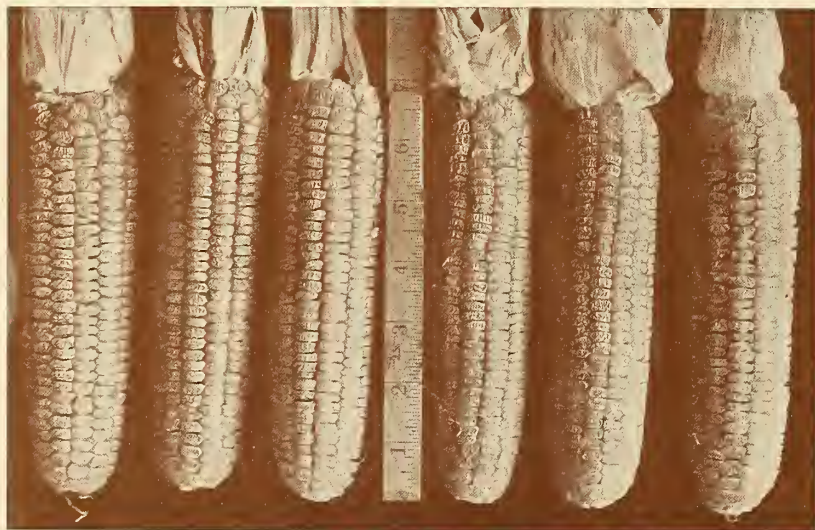
Cross Section of Golden Bantam Corn

GOLDEN GIANT is the result of eleven years' selection by Dr. Frederick S. DeLue of Boston, Mass., from the product of "Howling Mob" crossed with "Golden Bantam."

Golden Giant, with its 12 to 16-rowed ears, gives nearly four times the yield per acre that the Golden Bantam does with its smaller 8-rowed ears. The stalks are short and frequently produce two ears each.

It is richer in color, more delicious in flavor and is equally early.

When you experience the satisfaction of sinking your teeth into this tender, juicy Sweet Corn of most attractive orange golden color and realize how early it is and how productive, we are sure you will appreciate the thoughtful care and labor Dr. De Lue has expended during the eleven years required for the perfection of this corn and agree with us that he deserves a high place in the annals of Horticulture and Agriculture.



Golden Giant Sweet Corn

To introduce the Golden Giant we offer a limited quantity in packets containing 25 kernels each at

**25 cents the packet**

Postpaid anywhere in the United States or its possessions.

but the supply this year being so small we cannot furnish more than four packets to any one customer.

Our 170-page Annual Catalog and Gardener's Guide, 450 illustrations, several colored plates and cultural directions, will be mailed on application.

## JOSEPH BRECK & SONS

*New England's leading Seed Store for nearly 100 years*

51 and 52 NORTH MARKET STREET

BOSTON, MASS.



1822

1917

## To Our Friends and Customers



FOR nearly a century the Brecks (father, sons, grandsons and great-grandsons) have striven to furnish the choicest seeds, the most up-to-date implements and machines and to give the best possible service in every department of their business. In this they have been ably seconded by men carefully selected and especially trained for the purpose.

From Joseph Breck's garden in Lancaster, Massachusetts, and the little Boston seed store of 1822, the business under this management has attained to very creditable proportions, occupying at present warehouses in Boston with a floor space of 80,000 square feet, and in connection with Mr. A. E. Robinson, operating nurseries and trial grounds in Lexington covering 88 acres.

Our business has grown proportionately; employing over 250 persons during the busy months.

The practice of dealing honorably and liberally with customers, growers, manufacturers and employees alike, adopted 95 years ago, is rigidly adhered to and will be so long as anyone "by the name of Breck" is connected with the house.

That the expression "Breck's Seeds are Best" has become a common saying among cultivators is not to be wondered at when one thinks what the intensive work of four generations in the same business means. In no line are knowledge and experience more necessary than in the seed business.

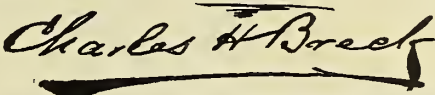
From planting to harvest, from harvest to distribution to customers every process is under the supervision of experts. Moreover all seeds that we sell are tested in our laboratory and greenhouses and field-tested in our trial grounds at Lexington so that we KNOW what we are selling. When our friends plant Breck's Seeds or use their Implements, Fertilizers, etc., they do so with the assurance that they are planting and using the best that an experience of 95 years can furnish.

We solicit your favors confident in our ability to serve you faithfully and well.

CHARLES HENRY BRECK  
JOSEPH FRANCIS BRECK  
(Grandsons of Joseph Breck)

LUTHER ADAMS BRECK  
C. HENRY BRECK BRACKETT  
(Great-grandsons of Joseph Breck)

JOSEPH BRECK & SONS, Corporation,

Per  Pres.

**A**LTHOUGH the volume of the 1916 crops in the United States was much below the normal, yet their value was record-breaking; amounting to nearly \$9,000,000,000, according to the United States Department of Agriculture, and AGRICULTURE, be it remembered, IS THE very FOUNDATION OF PROSPERITY.

We should carefully consider, however, what the reduction in volume means; for example, "INSUFFICIENT FOOD MENACES THE WORLD. FAILURE OF 1917 HARVEST WOULD BE A CATASTROPHE. Every nation will have to exercise close economy in Wheat, Rye, Barley, Oats and Corn in order to show margin of surplus food left at the beginning of the next harvest year, according to calculation made by the International Institute of Agriculture in Rome."

This startling report, printed in a recent issue of the New York Commercial Bulletin, brings forcibly to mind the importance of planting as large an acreage during 1917 as the farm, supply of labor, seed and fertilizer will permit.

A large well-planted home garden is the best way to lower the present abnormally high cost of food and at the same time to increase the general supply, thereby helping, not only the individual family, but the world at large. Fortunately for the farmer and gardener, reliable stocks of seeds, with the exception of Beans, Potatoes, Sweet Corn and a few varieties of Flower Seeds, are in good supply with prices not much advanced over 1916.

Having placed contracts years in advance, and with world-wide sources of supply, we have secured large and reliable stocks of seeds, plants, bulbs and fertilizers, and are now in position to fill orders for Spring shipment with goods of our usual high quality.

Transportation, both by rail and express, is badly congested by the huge volume of business being transacted the country over. Conditions are not much improved over last year, therefore we urge our friends and customers to favor us with their orders as soon as possible after the receipt of this catalogue. We can defer shipment, if requested, but by placing orders early, customers will be reasonably sure of having their favorite selections on hand when planting time arrives.

OUR NURSERY AND SEED TRIAL GROUNDS ARE CONDUCTED BY

**BRECK-ROBINSON NURSERY CO., Munroe Station, Lexington, Mass.**

*Especial Attention paid to Landscape Designing, Planting, Forestry, Horticulture, Etc. Catalogs Free.*

# JOSEPH BRECK & SONS, Corporation

New England Agricultural Warehouse and Seed Store

47 to 54 NORTH MARKET STREET - - - BOSTON, MASS.

TELEPHONE 2360 RICHMOND. Private Branch Exchange Connecting All Departments.

ESTABLISHED 1822



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## WHITE WONDER MILLET



WHITE  
WONDER  
MILLET

The seed of this wonderful Millet was brought to this country from China by a Russian soldier who served in the Japan-Russian war. He recognized the many desirable qualities of this Millet and brought a little of the seed to this country.

It has been raised in Western Kansas for several years but this is the first year that it has been produced in sufficient quantities to justify our offering it to our customers.

The most striking feature of White Wonder Millet is the size of the heads. The heads of this variety will run from eight up to eighteen inches and a single head will have as many as 15,000 seeds. The head shown in the illustration measured just twelve inches when straightened out.

The yield of White Wonder Millet is very heavy and this variety will yield fully half again as much as German Millet and some growers state that it will outyield other millets three to one.

Another very desirable feature is its earliness. White Wonder Millet is much earlier than German Millet and is almost as early as Siberian Millet.

The foliage is very heavy and the leaves broad, resembling those of corn. It produces an immense amount of excellent fodder which cures very readily.

On account of the earliness, the immense yield of both grain and fodder, and the very vigorous growth, White Wonder Millet will be in great demand.

**Price 12c. per lb.; \$10.00 per 100 lbs.**





## BRECK'S GLADIOLI

Our acquisition of the entire business of Chamberlain and Co., Gladiolus growers, of Wellesley, Mass., early last season, makes it possible for us to offer a stock of remarkably fine bulbs. These were grown at Lexington under the direction of Mr. Chamberlain, and include only those varieties which have proved themselves satisfactory both as to form and color. A cordial invitation is extended to our friends to visit our grounds at Lexington during the blooming season (August and September); to those not familiar with these wonderful flowers the striking combinations of color will be a revelation.

Gladioli will succeed in any sunny location; the soil should be reasonably rich, though any soil which will grow potatoes is suitable. The best time for planting is May or June, after the ground becomes warm. Take them up in the Fall after the tops turn brown, and store in a dry place, cool but free from frost.

In addition to the following, many new sorts will be found listed in our special Gladiolus catalog.

### NEW AND CHOICE NAMED VARIETIES

**America.** A most charming, soft, delicate pink, tinted lavender. 50c per doz.; \$3.00 per 100.

**Attraction.** Deep rich crimson, with beautiful white throat. \$1.00 per doz.; \$7.00 per 100.

**Augusta.** Pure white, blue anthers. 50c per doz.; \$3.00 per 100.

**Badenia.** One of the most beautiful varieties in existence. Was awarded certificates at both Haarlem and London and won a medal at Chicago. The flowers are very large, finely expanded and many open at one time; color a beautiful true lavender-blue. \$1.25 each; \$12.00 doz.

**Baron Hulot (Blue Jay).** The best blue variety, very large violet blue. 50c per doz.; \$3.00 per 100.

**Brenchleyensis.** Vermilion scarlet. 50c per doz.; \$3.00 per 100.

**Comanche.** Vivid scarlet, large spike, tall growing, early flowering variety. \$1.00 per doz.; \$7.00 per 100.

**Cardinal King.** Bright, cherry-red, of rich tone; large flower. \$1.50 per doz.; \$10.00 per 100.

**Clarice.** Soft rose pink, flaked with a deeper tint; flowers large, four or five open at one time, spikes straight and strong. \$1.50 per doz.; \$10.00 per 100.

**Daisy Rand.** Soft rose pink, splashed with a darker tone, the lower petals have a blotch of buff. A most beautiful variety. 15c each; \$1.50 per doz.; \$10.00 per 100.

**Dawn.** A most beautiful shell pink, slightly pencilled in the throat, a great favorite as a cut flower. \$1.50 per doz.; \$10.00 per 100.

**Europa.** Snowy white, the finest pure white variety yet offered. Awarded certificate of merit at London, Berlin and Paris. \$1.50 per doz.; \$10.00 per 100.

**Giant Lavender, or Mary Fennell.** Deep lavender, shading to a paler tint, lower petals primrose yellow with pencilling of lavender. 15c each; \$1.50 per doz.; \$10.00 per 100.

**Golden King.** Golden yellow with crimson patch on petals, an excellent garden variety. \$1.00 per doz.; \$7.00 per 100.

**Halley.** Delicate salmon pink predominates with a slight rosy tint, the lower petals bear a creamy blotch with a stripe of red through the centre, the whole producing a delightful effect. 50c per doz.; \$3.00 per 100.

**Harvard.** Rich velvety maroon of enormous size. \$1.00 per doz.; \$7.00 per 100.

**Independence.** Beautiful deep rosy pink, the petals are of a velvety texture and the vigor of the plant enables it to hold its color a long time. It is used extensively for design work. 50c per doz.; \$3.00 per 100.

**Jean Dieulafoy.** Soft cream color with carmine blotch. \$1.00 per doz.; \$7.00 per 100.

**Jessie Palmer.** Pure snow white, relieved by a patch of glistening carmine, flowers of medium size and graceful form. 15c each; \$1.50 per doz.; \$10.00 per 100.

**Lily Lehmann.** Glistening white of graceful habit, free blooming. \$1.00 per doz.; \$7.00 per 100.

**May.** White, flaked crimson, a very useful variety. 50c per doz.; \$3.00 per 100.

When cash accompanies order, bulbs at the single or dozen rate are delivered by parcel post free of charge.





Mrs. Frank Pendleton, Jr.

## BRECK'S GLADIOLUS—Continued

**Mrs. Francis King (The Original).** A most beautiful flame pink; immense flowers on a spike, growing 4 feet high, with from 18 to 20 flowers, 6 to 8 open at one time. One of the finest varieties in cultivation. 50c per doz.; \$3.00 per 100.

**Mrs. Frank Pendleton, Jr.** A most beautiful variety, producing large, well expanded flowers of an exquisite shade of salmon pink, heavily blotched with red in the throat. This variety should be in the garden of all lovers of Gladiolus. 15c each; \$1.50 per doz.; \$10.00 per 100.

**Mrs. Malcolm Mackay.** Cherry red with a patch of white on the lower petals; very effective and excellent for cutting. 20c each; \$2.00 per doz.; \$12.00 per 100.

**Mrs. Watt.** Beautiful brilliant wine color. One shade; nice large spikes of well opened flowers; lasting a long time when cut; an excellent variety for decoration purposes. \$1.50 per doz.; \$10.00 per 100.

**Navajo.** Magnificent bright rich red, blossoms large, six or eight opening at one time, spikes straight and tall and of vigorous growth. \$1.50 per doz.; \$10.00 per 100.

**Niagara.** Color cream, blending at base of petal to a canary yellow, stamens are purple and the stigma pale carmine. \$1.00 per doz.; \$7.00 per 100.

**Panama (Seedling of America).** Long spike, color deeper pink than America, admired by all who have seen it in flower. \$1.00 per doz.; \$7.00 per 100.

**Peace.** Beautiful large pure-white, tinted with lilac. \$1.00 per doz.; \$7.00 per 100.

**Pink Beauty.** Beautiful rose pink, very early bloomer. 50c per doz.; \$3.00 per 100.

**Pink Perfection.** Large blooms, fine form, long spikes. Color, apple blossom pink. A very lovely, soft shade. Altogether one of the most popular varieties. \$1.50 per doz.; \$10.00 per 100.

**Premiere.** Creamy white suffused with soft crimson, the lower petals bear a crimson blotch, very early bloomer. 50c per doz.; \$3.00 per 100.

**Primulinus Hybrids.** The colors are most pleasing on account of their delicacy, slenderness and peculiar form. Graceful flowers of medium size with the upper segments somewhat drooped, making a quite distinct hooded form. The flowers range in color from pale, yellow, bright salmon, apricot to light scarlet. \$1.00 per doz.; \$7.00 per 100.

**Princips.** Immense wide open flowers of a bright scarlet, marked with white on lower portions which intensifies the brilliant color. 50c per doz.; \$3.00 per 100.

**Shakespeare.** White with pale rose, good forcing variety. \$1.00 per doz.; \$7.00 per 100.

**Spring Song.** Pale primrose yellow, suffused with soft pink. The lower petals with blotch of canary yellow. One of the most beautiful of the new varieties. 10c each; \$1.00 per doz.; \$7.00 per 100.

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**Wachusets.** Pale apricot suffused with soft pink, throat and lower petals pencilled with a deeper tint of pink. 10c each; \$1.00 per doz.; \$7.00 per 100.

**Wm. Falconer.** Has a spike of great length and large clear pink flowers. \$1.50 per doz.; \$10.00 per 100.

## GLADIOLUS MIXTURES

**Breck's Exhibition Mixture.** A superb collection, giving a wide range of color of wide open flowers, beautifully marked and including many of the named varieties. Especially selected as to combination and blending of colors, so that they may be used for cut flowers as well as for massing. \$1.00 per doz.; \$5.00 per 100.

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# NOVELTIES AND SPECIALTIES

## IN

# FLOWER SEEDS AND BULBS



Cyclamen Eileen Low

### 971. **Cyclamen Eileen Low**

The most extraordinary break which has been obtained in Cyclamen since hybridists commenced to work on the original variety from Persia.

A lovely shade of pink (Rose du Barri), a tone of color which so appeals to those of most æsthetic taste; but the great attraction lies in the distinct blush-white margin and blush-white crest on each petal which, on account of the great contrast, gives an attractiveness found in no other Cyclamen.

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This is a novelty of great merit, especially in the perennial class; it is perfectly hardy and will blossom by Memorial Day. The color is a beautiful light blue. Per pkt. 50 cts.

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This is a very choice strain, grown specially for us. It is quite distinct from any other variety. The color is a very deep orange. The flowers are extra large and are borne on good stout stems. Per pkt. 25 cts.

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Bulbs at the single and dozen rates.

Books and other publications.

### 972. **Cyclamen Cherry Ripe (New Bright Red)**

The brightest red Cyclamen in cultivation, of the most free flowering habit. 50 cts pkg.

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A very free flowering variety. Lovely pale salmon flowers, foliage hard and prettily tessellated, a delightful color either by day or artificial light. One of the finest in cultivation. 50 cts. pkg.

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A variety with marbled foliage. The flowers are of a pale salmon pink which contrast well with the foliage of the plant. 50 cts. pkg.





Aster "New Rochester"

### 346 Aster "Autumn Glory"

Color, pure shell pink and similar to Semples pink, except that it has a better and more substantial flower. The plant itself is larger and stronger than the Semples variety. Autumn Glory will bloom after other late Asters and before the early Chrysanthemums are ready. The flowers hold their shape and color for a remarkably long time, making it a most desirable sort for general cultivation, flowering as it does at a time when good flowers are extremely scarce. 20 cts. Pkt.; 2 Pkts. 35 cts.

### Aster "Vick's Perfection"

This is a great improvement on the mid-season varieties, flowers are exquisite in form and the plants are taller than those of the late upright branching. Average diameter of the blossom fully four inches. Plants are extremely vigorous with unusually broad dark green leaves and stout stems. They carry about twelve large double flowers on long stems free from side branches. When they are in full bloom the flower is strongly whorled with the outer row of petals straight; producing a charming effect, which is quite distinct from any other Upright Asters.

340.	Shell Pink	Per Pkt. 20 cts.	2 Pkts. 35 cts.
341.	Lavender	" " 20 "	" 35 "
342.	Rose	" " 20 "	" 35 "
343.	Crimson	" " 20 "	" 35 "
344.	Purple	" " 20 "	" 35 "
345.	White	" " 20 "	" 35 "

### Aster "New Rochester"

The new varieties of this type are more double and more Chrysanthemum-like than those of the original Lavender Pink Rochester. The long narrow petals fall over one another in a charming cascade of color, forming a wonderful shaggy mass that cannot be equalled for richness of effect.

347. Lavender Rochester. A beautiful shade of clear light lavender. Pkt. 20 cts. 2 Pkts. 35 cts.

348. Purple Rochester. Rich shade of deep purple. Pkt. 20 cts. 2 Pkts. 35 cts.

349. Shell Pink Rochester. A beautiful shade. Pkt. 25 cts. 2 Pkts. 40 cts.

### Aster "New Triumph Comet"

A magnificent new class of mid-season Asters with extra long stems and large fluffy full double flowers of the finest type. The introducer considers this variety a very great improvement on the Asternum both in size and quality.

364.	Pure White	Per Pkt. 15 cts.	2 Pkts. 25 cts.
365.	Shell Pink	" 15 "	" 25 "
366.	Lavender Pink	" 15 "	" 25 "
367.	Lavender	" 15 "	" 25 "
368.	Rose	" 15 "	" 25 "
369.	Purple	" 15 "	" 25 "

Overmead Garden, Readville, Mass.  
Joseph Breck & Sons, Nov. 10th, 1916.  
Gentlemen:— Among the collection of Asters I had from you the past season, your New Early Non-lateral Branching and Concord Varieties were excellent. All your Vegetable and Flower seeds were good and true to name.  
Yours truly,  
JAMES METHVEN.

For free delivery offers and general instructions regarding orders and shipments see third page of cover.



744.

**Chrysanthemum**  
**New Single Hybrids**

With the introduction of this hybrid, we have a new race which, with the most simple practice, begins to flower in July without any special treatment. The sowing should take place in February or March, transplanting as soon as they are strong enough and the weather will permit. The grower will find all possible shades amongst these hybrids. The plants resemble very much the Marguerite. We are sure this variety will be very popular with every gardener and amateur; they are of high value and strongly recommended. Pkt. 25 cts.

862. **Cosmos Giant Blush Queen**

A very large flowered and early variety of quite a new type. The color is a beautiful blush, flaked with a rosy lilac tint, deepening towards the centre. The height of the plant is 3 to 4 feet, and the large graceful flowers, borne on long stems, make it an excellent variety for cutting. It is very free flowering. Pkt. 25 cts.

997. **Breck's Superb New Hybrids**

Saved from a magnificent strain of all the best varieties, they range in color from delicate lavender through all shades to the most intense blue. Pkt. 25 cts.

998. **Delphinium "Azure Fairy"**

This is a variety which is the result of several years of careful selection; will be found a useful addition to the annual class of plants. The plants grow to a height of about 12 inches, and are covered with a profusion of Cambridge Blue flowers, which resemble the variety blue Butterfly in habit; have been very much admired in the recent International Show in England. Pkt. 25 cts.

1093. **Digitalis Purè Yellow**

Grows like the other varieties, 4 to 5 feet tall, and has the most beautiful clear yellow flowers. A great acquisition to the Digitalis family. Pkt. 25 cts.



Chrysanthemum, New Single Hybrids



Delphinium "Azure Fairy"

1109. **Dimorphothea Aurantiaca**  
**Hybrida Fl. Pl.**

This is a semi-double and double flowering variety. The colorings of this new variety are rich and varied, those of the single sorts ranging from white to light and dark yellow, and from rose to orange, producing about 60% double flowers. Pkt. 25 cts.

1390. **Gypsophila Paniculata Fl. Pl.**

Seeds offered of this variety produce about 70% double flowering plants, and if the same are sown in January or February, and the seedling transplanted about the middle of April a bright display of bloom can be expected in Autumn. Of course, the effect of an immense quantity of white will be obtained the next year. This is a rare addition to the hardy Perennial and is highly recommended. Pkt. 25 cts.

1482. **Hibiscus Grandiflorus Sunset**

A beautiful greenhouse plant; flower very large, pale yellow, black centre. Flowers 6 inches across. Pkt. 15 cts, oz. \$1.25.

1483. **Hibiscus**  
**New Giant Flowering Marshmallow**

A greatly improved form of marshmallow or rosemallow. The flowers are of enormous size, sometimes measuring 12 inches in diameter. The colors comprise rich dark red, soft mallow pink and pure white. The plants grow from 5 to 8 feet high and bloom from early July until late Autumn. They are perfectly hardy. If seed is sown early the plants will blossom the first year. Pkt. 15 cts.

1991. **Mignonette**  
**Breck's Pride of the Market**

This year we have secured what we believe is the best strain of forcing Mignonette ever developed. The seed we offer is grown under glass, and will produce enormous spikes of reddish-green, deliciously fragrant flowers. Pkt. 50 cts.

3241. **Pansy**  
**Breck's Giant Matchless**

An excellent exhibition strain. Flowers are very large, of great substance with a wide range of the richest colors. A variety unsurpassed for frame culture and does equally as well out doors. Pkt. \$1.00.





1252. **Gaillardia**  
**Breck's Exhibition Strain**

This is an exceedingly showy and effective strain of perennial Gaillardia, producing large handsome flowers of various colors, including clear golden yellow, brilliant crimson, edged gold and others banded with gold. Pkt. 25 cts.

1614. **Lavatera "Splendens Sunset"**

For some years a well known firm of seed growers in England have been working to improve the Mallows and Lavatera. They have succeeded in introducing several very beautiful varieties. We consider Lavatera Sunset the best of the lot, plant growing to a height of from 2 to 2½ feet. An annual; flowers deep rosy crimson, making a most compact and effective bedding plant; also used by many as a cut flower, holding its color and form well for some time after cutting. A great favorite with all flower lovers who have given it a good trial. We hope it will find a place in every flower garden. Pkt. 25 cts.

1709. **Lychnis Arkwrightii**

A cross between Lychnis Chalcedonica and Haageana, resulting in something different and better than either parent. Has the upright habit of the former with the flower form of the latter, but greatly improved; the weekly growth of Haageana is entirely eliminated. Height 2 to 3 feet, requires no staking; covered with bloom of rich effective colors. A most decided acquisition for herbaceous borders. Will flower first season if sown early; second year attains perfection. As a summer bedding plant it is admirably adapted and will soon command a leading place. Pkt. 25 cts.

904. **New Morning Glory**  
**Double Snow Fairy**

This is a magnificent and unique flower. It grows as vigorously as the other varieties. It begins to bloom early and continues freely until frost. The flowers appear like large snow white tassels. Upon examination, however, it will be seen that there is a well formed single white morning glory in the centre which is completely surrounded by numerous white petals, the whole forming a most unique and beautiful tassel-like blossom. Pkt. 15 cts., \$1.00 oz.

2104. **Nigella, Miss Jekyll**

Pure white. This is quite a contrast to the sky blue of the original variety. A valuable flower for decorative purposes. Pkt. 15 cts.

2327.

**Petunia**  
**Velvety Violet Blue (True)**

This is a great acquisition to the Petunia family, and should be grown by all lovers of flowers. It is extensively used in Europe for window boxes. This seed is especially grown for us, and is true to name and color. It grows about 1 foot high. Pkt. 50 cts.

2483. **Primula Fimbriata Giant**  
**Mauve Queen**

Delicate Mauve, the edge of the petals slightly deeper, with rich green foliage and red stems. The eye of the flower is a greenish yellow, well defined. A strong grower and very free flowering. Pkt. 50 cts.

2734. **Schizanthus**  
**Bridal Veil**

Grows about 16 inches high and very compactly formed; is entirely covered with glistening snowy white flowers, which present a striking contrast to the bright green lacinated foliage. As potted plants these cannot be over-estimated, and will surely please the growers with their handsome appearance. Pkt. 25 cts.

2929. **Streptocarpus**  
**Breck's New Giant Mixture**

This strain is specially saved for us in England. Without doubt one of the finest strains of this beautiful plant ever sent out, including the charming varieties raised and shown by Mr. Edwin Beckett, and a fine selection of some of the best hybrids raised from Messrs. Veitch's strain, embracing the newer and rarer shades of red and the clear throated varieties. Pkt. 50 cts.

1425. **Sunflower**  
**Miniature Golden Fleece**

The cactus shaped flowers are of a clear golden yellow, with a dark centre, long stems, excellent for cutting. The height of the plant is 3 to 3½ ft. Pkt. 25 cts.

3199. **Verbena**  
**Grandiflora, Helen Willmott**

This variety of Verbena is without doubt the very finest under cultivation and is unequalled for bedding. The flowers are very large and the color is a beautiful bright salmon rose with white eye. Pkt. 25 cts.



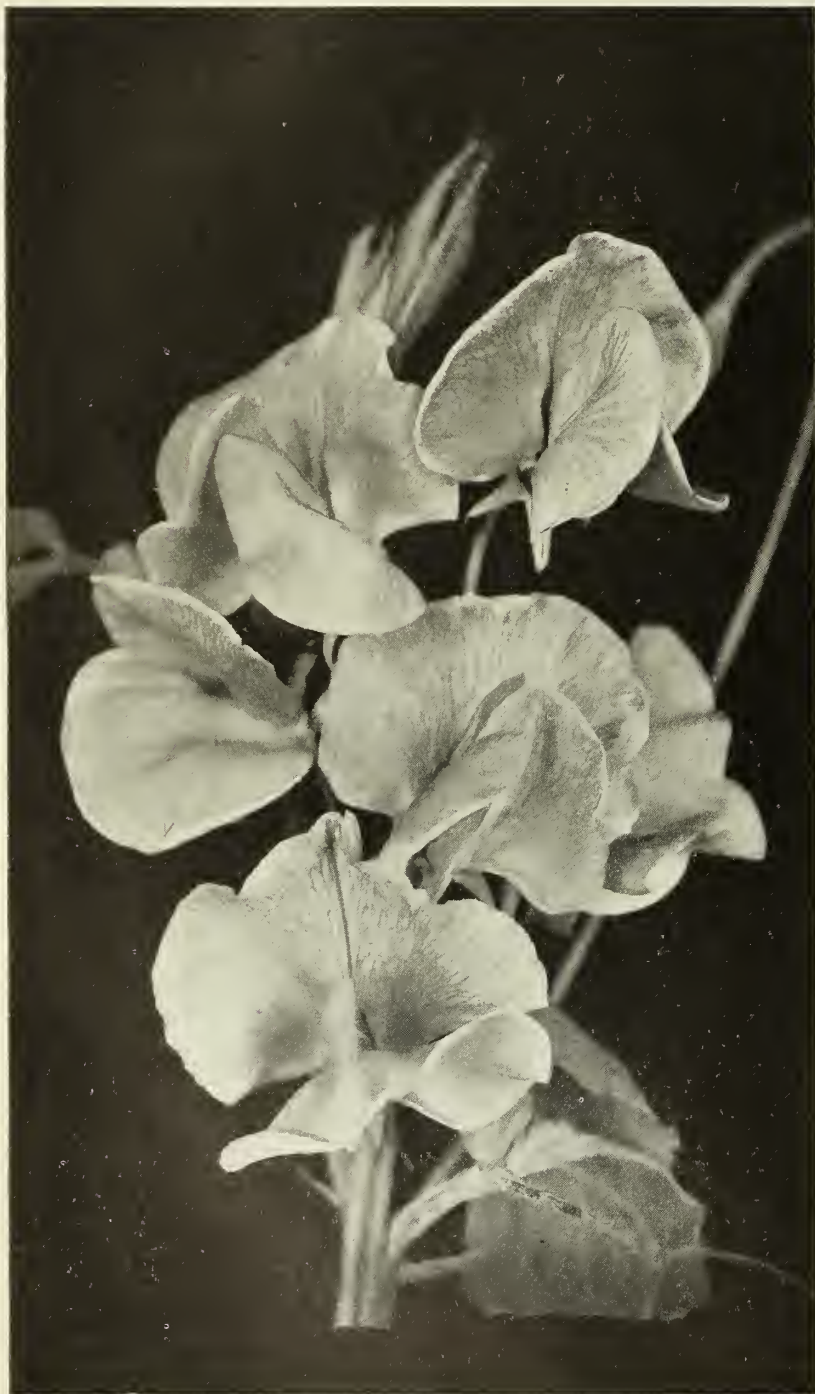
**Lavatera "Splendens Sunset"**



# SWEET PEAS

## New Early Flowering Long Season Spencers

The following new varieties of Sweet Peas begin to blossom 106 days after planting the seed in the open ground; six weeks earlier than the late flowering varieties planted at the same time. They usually blossom for four full months.



Morning Star

4072. *Early Morning Star.* The color is a deep orange-scarlet or flame color in standard, with rich orange-pink wings. It does not burn badly out in the open and under glass is magnificent. The flowers are large and of the best Spencer form, and borne in threes and fours in wonderful profusion .....25c. per pkt.

4073. *Early Song Bird.* The flower is the same color as Florence Morse Spencer. The placing of the flower is splendid for packing and they are borne on long stems in threes and fours. We think this will be the leading pale pink for florists. ....25c. per pkt.

4071. *Early Melody.* This is a deeper shade of pink than Early Song Bird, on white ground, closely resembling Countess Spencer. It is very free flowering and sure to be a favorite ...25c. per pkt.

4070. *Early Spring Maid.* The color is a light pink on a cream ground and the blossoms have the same splendid characteristics as "Mrs. Hugh Dickson" for a florist's flower. It is a most effective flower, and like the other Early Flowering Spencers now being offered it carries a great wealth of blossoms borne in fours on long stems .....25c. per pkt.

4074. *Early Snow-Flake.* This is the best Early Flowering white-seeded White Spencer we have seen. The blossoms are very large and of the best-waved Spencer form. The flowers are borne in wonderful profusion on long stems. As a market variety it will be in great demand. ....25c. per pkt.

4075. *Early Heather Bell.* This will be one of the most popular shades with all florists, as it will be so useful for making up for any occasion. The flowers are very large on long, stout stems. The color is a rich but pleasing mauve. After standing in water the color becomes a beautiful mauve lavender...25c. per pkt.



## SWEET PEAS

### NOVELTIES AND NEW VARIETIES

3980. **Fiery Cross** (1916). "Fiery Cross" has all the appearance of live fire, the color being a scorching fire-red or scarlet, without any shading, and which scintillates and glitters in bright sunlight, thus adding a glowing fire-like sheen which radiates over the flower. Unlike most orange-scarlet varieties it does not scorch or burn even during extended periods of intense sunshine. .25c. per pkt.

3985. **Farnham Lavender** (1916). Pure lavender self, very free, giving mostly four flowers well placed on fine long stems .....25c. per pkt.

3990. **Hilary Christy** (1916). Standard frosted orange-cerise with crenulated fiery-scarlet edge, wings rosy-carmine, keel delicate fawny-lemon; its rich though subdued colorings are very chaste and refined. The plant is strong-growing and very free flowering, producing its large, beautifully-shaped flowers on long, strong stems .....25c. per pkt.

3995. **Lord Fisher** (1916). A rich, red maroon without a tinge of purple shade in wings or keel. A strong grower, giving four flowers to a stem, well placed and of full exhibition size. ....25c. per pkt.

3999. **"The President"** (1916). The name given this magnificent Novelty is most appropriate, as amongst orange-scarlet Sweet Peas it undoubtedly takes top place. The intensely rich and dazzling orange-scarlet color of the flower equals in brilliance the Oriental Poppy. Large and true Spencer form. Both for exhibition and garden decoration "The President" is the most striking and valuable addition to Sweet Peas that has been offered in recent years.25c. per pkt.

One packet of each of the above or five varieties for \$1.00, **Post Paid**.



Snow-Flake

### Begonias—Winter Flowering

Every spring we import from England a fresh stock of these beautiful plants, and each year the demand for them is greater. For the greenhouse or conservatory they are unsurpassed. All who saw the beautiful plants of this type at the 1916 Chrysanthemum Show in Horticultural Hall, Boston, Mass., could not help but admire them. Upon request we will be glad to furnish special culture directions.

<b>Ensign</b> .....	each \$1.50
<b>Exquisite</b> .....	" 3.50
<b>Matchless</b> .....	" 3.50
<b>Masterpiece</b> .....	" 3.50
<b>Mrs. Heal</b> .....	" 1.50
<b>Optima</b> .....	" 1.50
<b>Winter Cheer</b> .....	" 1.50
<b>Rosalind</b> .....	" 3.50

Plants ready for delivery about April 1st.



Begonia, Mrs. Heal



# GREEN MOUNTAIN PEDIGREED SEED POTATOES

These Potatoes have been bred and grown for us by Arthur W. Gilbert, Professor of Plant Breeding at Cornell University, and author of a recent book on the "Potato." The very latest methods of hill-selection were used in producing this remarkable strain.

The ideal hill is the hill that produces the maximum number of smooth, uniform tubers of marketable size. A hill may produce one or two excellent potatoes and many small ones. Hence, the hill and not the individual tuber is the true unit of selection.

Several times during the growing season the fields are carefully gone over in order to mark the hills that show most vigor. At digging time, the potatoes of any hill that fails to meet the standard of uniformity and high yield are discarded for seed purposes. Professor Gilbert has bred these potatoes for several years on the Gilbert Farms and his seed stock has given entire satisfaction wherever used.

In the basket shown below at the right, are some of this seed which took the Grand Sweepstakes Prize at the National Corn Exposition.



Unselected

Hill Selected

From the same field

## GREEN MOUNTAIN PEDIGREED SEED POTATOES

25c PER LB. POSTPAID

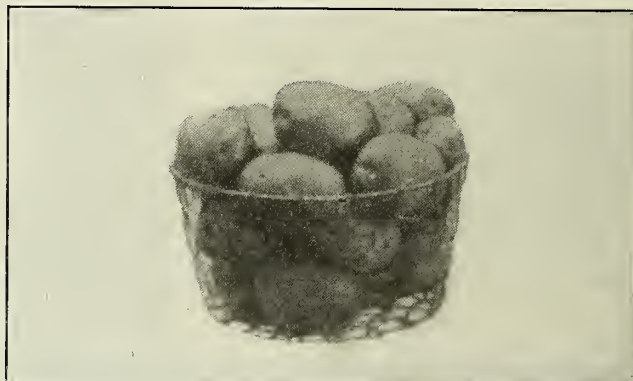
OR

\$1.25 PER PK. \$4.00 PER BU. \$10.00 PER  
BARREL SACK OF 165 LBS. NET

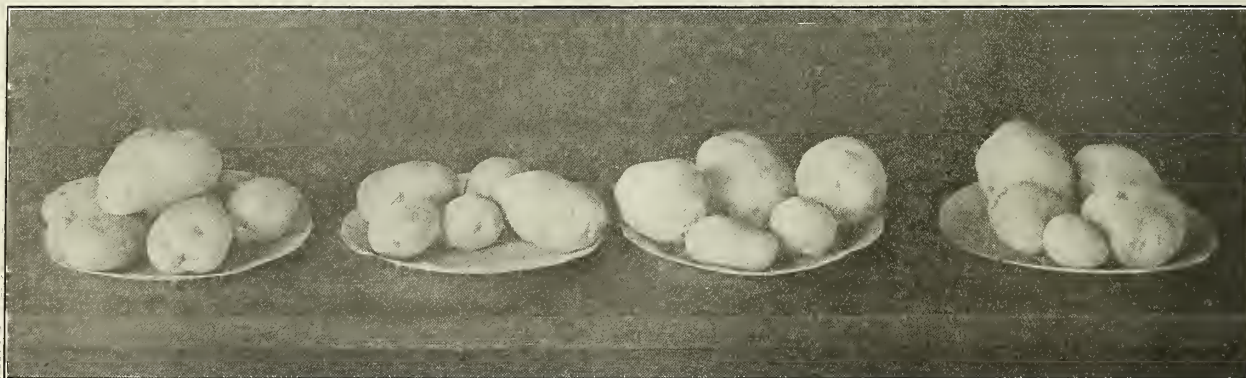
Sacks included in price delivered to express  
office or freight station, Boston.

## GREEN MOUNTAIN

is the variety which in New England at least has superseded other sorts as the main crop table potato. It is a large, handsome, white-fleshed tuber that cooks dry and mealy; moreover, it yields well on all types of soil.



This basket of Potatoes took Grand Sweepstakes Prize at  
the National Corn Exposition



Four hills which came from one seed tuber of Gilbert Pedigreed Strain

See page 42 for complete list of Seed Potatoes.





## FIRST OF THE SEASON

### New Extra Early English Grown Wrinkled Pea

Prolific, extremely early, blue wrinkled variety. Growing about 30 inches high, vines stout and vigorous, pods large, containing on an average eight peas of the most delicious flavor.

We have secured a part of the originator's 1916 crop, which was very limited, and since we wish as many of our customers as is possible to give this variety a good trial during 1917, we are offering it only in large sealed packages and in no other way. We hope you will include at least one of these trial packages in your Spring order.

In sealed packages only, 25c. each, postpaid.





### **BRECK'S TEWKSBURY DWARF HORTICULTURAL BUSH BEANS**

Due to the unusual beauty and size of its pods, this variety brings consistently higher prices than any other Horticultural Bean sold on the Boston Market. When ready to pick, the yellowish surfaces of the pods are beautifully marbled and splashed with bright crimson. The vines bear great numbers of long pods, inclined to curve slightly, generally containing six beans each, although seven are not unusual. Until they have attained full size the pods are comparatively dull and inconspicuous, the color intensifying rapidly as maturity is reached. It is characteristic of the vines to throw out tendrils like those of pole beans, but the plants are distinctly dwarf and upright, displaying no tendency to climb or sprawl over the ground. The variety was developed by Mr. French, of Tewksbury, Mass., some years ago; since then its growth has been confined to certain localities in the neighborhood of Boston. It is the leader of the Horticultural Bush Beans and may be distinguished easily from other varieties. In the cut at the top of the page a single plant is shown; the pods at the left are actual size. Our seed stock, which is of the original strain and true to type, is grown expressly for us by one of the most experienced bean specialists in this State. Pkt. 15 cts., Pt. 35 cts., Qt. 60 cts.

### **BRECK'S CRACKERJACK WAX BUSH BEANS**

For about ten years this Bean of great merit has been a money-maker for market gardeners in the West. We feel confident that when the variety becomes generally known, its merits will make it a leader on New England markets. It is a profuse bearer and the beans ship remarkably well. The plants are strong and erect, bearing bunches of pods well above the ground. The pods, which ripen fully as early as those of Wardwell's Kidney Wax, resemble them in shape, but are rounder and more fleshy; they are of a handsome, bright golden yellow peculiar to the variety. The beans are yellow.

Pkt. 15 cts., Pt. 45 cts., Qt. 85 cts.

Nov. 22, 1916.

Jos. Breck & Sons, Boston, Mass.

Gentlemen:—The seeds you sent me last spring have proved very satisfactory, especially Old Glory Pea. It is a splendid early variety.

(Signed) ALFRED B. CROSS,  
Supt. E. G. Howes Estate,  
No. Cohasset, Mass.





Boston Greek Squash

### **Haco Cabbage**

The earliest Danish Red Cabbage, heads round "solid as a bullet," weighing from 8 to 10 pounds. Our seed stock from the originator at Copenhagen, Denmark. All who prefer the Red Cabbage should give "Haco" a good trial. We can recommend highly "Haco," having given it a careful test in our seed trial grounds at Lexington.

Pkt. 10 cts., oz. 75 cts.,  $\frac{1}{4}$  lb. \$2.50.

### **Copenhagen Market Cabbage**

The only large, round-headed Cabbage which is really early; it matures positively as soon as Charleston Wakefield. The short-stemmed, compact, yet vigorous plants, have few outer leaves and may be grown close together, insuring very large yields. Heads of this variety are unusually solid, often weighing ten pounds each; they mature all at the same time and are of excellent quality. Commercial and private growers alike agree that in its class Copenhagen Market Cabbage is supreme.

Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.75, lb. \$6.00.

### **Boston Greek Squash**

A very desirable Summer bush Squash introduced by our friends from Southern Europe. The fruits are oblong and average about 12 in. in length; color, dark green, often striped or mottled with lighter green or yellow. They may be prepared for the table in the same way as is any Summer squash, but are most delicious and palatable when sliced and fried like Egg Plant. Picked young and cooked in this way, the Greeks and Italians esteem it a great delicacy.

We grew it during the past Summer in our trial grounds at Lexington and consider it a most desirable addition to our list of squashes.

Pkg. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.75, lb. \$6.00.

### **Honey Dew Musk Melon**

A large, light-colored, smooth-skinned melon having a rather unusual shape and appearance. The fruits often weigh from 8 to 10 lbs. each and have a thick, light green flesh. Delicious honey-like flavor.

Pkg. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

### **Breck's Balshire Tomato**

This variety resulted from crossing Balch's Fillbasket and Lister's Prolific. It is far superior to the latter parent in that it is a heavier cropper, of better shape, and shows less tendency to crack. In a recent trial under glass some of the plants carried at least 40 lbs. of fruit. We recommend it strongly either for forcing or for out-door culture.

Per Pkt. 25 cts.

### **Breck's Market Garden Danver's Half-Long Carrot**

Our market garden seed is the choicest stock from a most carefully developed strain of this popular variety. The rich, deep orange roots, averaging from six to eight inches in length, taper gradually to a blunt point and are exceptionally smooth and handsome; their crisp, tender flesh is of fine flavor. Being of medium length, the roots are easy to dig. This variety adapts itself readily to all types of soil and is enormously productive.

Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

### **Barker's Strain Edmand's Blood Beet**

A superior strain of Edmand's Blood Beet; uniform in size and of splendid shape and color. Its flesh, which is usually tender and free from any stringy or woody characteristics, is of a deep crimson ringed or marked in a beautiful manner, making it most attractive when sliced for the table. In the latitude of Boston this strain may be sown as late as July 20th with good results.

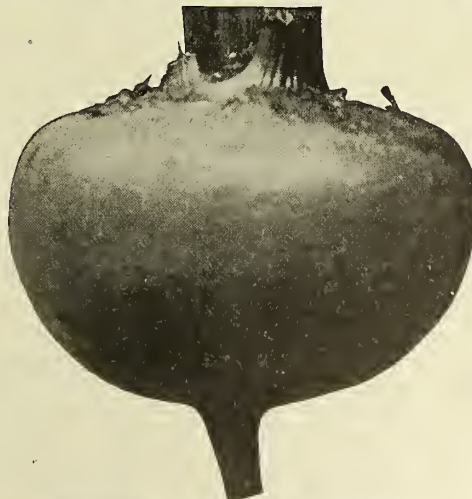
Customers wishing a finely-flavored, early beet should include some of this seed in their order.

Pkg. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

### **Breck's Arlington Grown Crosby's Egyptian Beet**

An extremely early, special strain of this well-known variety. The roots are smooth and very uniform in shape and color; their sweet, fine-flavored flesh is unusually tender. For market-gardening purposes our strain is most desirable.

Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.



Arlington Grown Crosby's Egyptian Beet





Harvesting Mondamin Corn on World's End Farm

***Breck's Mondamin Corn***

This is a variety particularly adapted to New England conditions, since it will ripen in an average season within 100 days after planting. Although we have offered Breck's Mondamin Corn for some ten years, the demand for seed far exceeds the supply.

Breck's Mondamin is an eight-rowed yellow flint Corn. The kernels are large, and the ears, many of which reach a length of 15 inches, are filled to the very tips. The stalks are firm and solid, averaging about nine feet in height. It has been definitely established that this Corn, which produces 18 to 20 tons of fodder per acre, yields greater food value than some of the mammoth dent varieties which produce 25 to 28 tons per acre. This greater concentration of nutriment is an important factor in maintaining the efficiency of the silo. Our stock has been grown from selected ears, in Massachusetts, about thirty miles north of Boston.

Pt. 25 cts., Pk. \$1.25, Bu. \$4.00.

***Pilot Pea***

An extra early, round-seeded or smooth Pea. Can be planted as soon as ground can be worked. Pods as large as the Gradus, very prolific, highly recommended as an extra early market sort.

Pt. 25 cts., Qt. 45 cts., Pk. \$3.00.

***Pioneer Pea***

An improvement on the popular Laxtonian. Vines about 20 inches high, color light green. Vigorous growth. The pods pointed and a little darker in color than the vine. Considered fully four days earlier than Laxtonian.

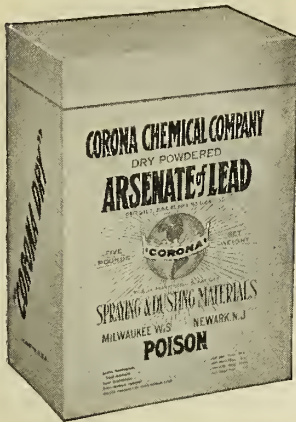
Pt. 35 cts., Qt. 60 cts. Pk. \$4.00.

***Quite Content Pea***

Considered the latest maturing variety in cultivation. Quite Content was of English origin and known in England as the Giant Podded Main Crop Marrowfat. The pods are larger and longer than any other sort, but closely resembling Alderman in general appearance. Of good quality, prolific, rank growth of vine requiring plenty of room for best development. Pods are usually borne in pairs.

Pt. 30 cts., Qt. 50 cts., Pk. \$3.00.





## "CORONA DRY" Arsenate of Lead

The "Standard" for Convenience, Economy, Efficiency

**For Applications with Water on Fruit Trees, Potatoes, etc.**

**Largest and Most Progressive Growers have Rendered the Verdict**

The ease with which Corona mixes in water makes preparing for the spraying application a simple as well as accurate operation. It is unnecessary to make a paste of Corona and pass it through a strainer to know that the lumps are thoroughly broken up. Experience has shown that it is only necessary to shake the proportional amount of Corona into the spray tank and the agitator will quickly make an even and smooth mixture. For example—in spraying for codling moth, fill the spray tank with 50 gallons of water; weigh out one pound of "Corona Dry" and shake it into the tank; a short period of agitation will give a thorough mixture ready to apply on the trees. A measure sufficient to hold the proportional amount of Corona to the water in the tank will do away with the weighing each time.

It is distinctive for quick poisoning—even application and great adhesiveness.

Its purity and unusual chemical activeness give it highest poisoning power.

Its fineness of subdivision and great suspension properties not only make "Corona Dry" cover more thoroughly, but cause it to adhere to the foliage longer.

One pound of "Corona Dry" will do the work of three pounds of paste and do it better.

It can be kept indefinitely—will not freeze, dry out, cake or lose its strength.

"Corona Dry" contains no water, therefore there is no shrinkage, seepage or evaporation.

It is pure, containing nothing but Lead Oxide and Arsenic Oxide. Every package contains full net weight.

ASK FOR THE CORONA SPRAY SCHEDULE

### PRICES

1 lb. Package 40 cts.; 5 lb. Package 35 cts. per lb.; 10 lb. Package 30 cts. per lb.  
25 lb. Drum 27 cts. per lb.; 50 lb. Drum 26 cts. per lb.; 100 lb. Drum 25 cts. per lb. 200 lb. Drum 24 cts. per lb.

## Prevent Insect Pests on Vegetables, Fruits, Flowers, Shrubs and Trees

Try the best known method of protecting your plants. Use "Corona Dry" dusting powder and put an end to insect pests. This universal insecticide prevents their getting a start, or destroys them after they appear.

Ideal for the home garden, small and large fruits, flowers and ornamental trees and shrubs. Kills all leaf-eating insects on ornamental and fruit trees. Does not "burn" the foliage.

### BEST FOR POTATO BUGS

Superior to Paris Green because it covers the plant much more thoroughly. You can do the work twice as fast. It gets under the leaves better and kills the hidden bugs. Rain does not wash it off easily. "Corona Dry" is applied in dry dust form with a Hand Duster. The work can be done at any time of day. Keep it on hand. Will not lose strength. Absolutely safe to use.

"Corona Dry" kills Corn Ear Worms, Currant Worms and dozens of other pests.

SEND FOR CORONA BOOKLET "GARDEN PESTS AND THEIR CONTROL."



## Corona Dusting Sulphur for Fungus Pests

### Pure Refined Superfine Flour Sulphur

### No Other Ingredients

This pure sulphur is especially prepared for dusting. It can be used for all purposes of commercially pure sulphur. There are many insects, and even more fungus diseases, that have no known remedies at the present time. The fungus diseases are the harder of the two to handle, but some of the most common ones can be easily controlled by the use of an efficient sulphur product.

**METHOD OF APPLICATION:**—"Corona Dry" and Corona Dusting Sulphur are applied to growing plants, trees, shrubs, etc., in exactly the same way. The dry powder is placed in the powder reservoir of the powder gun, or duster, and is blown over the foliage. The dust is so light, fine and uniform that it comes out in a cloud, and spreads over the plant much more rapidly than wet sprays can be applied. The foliage and fruit is covered with the protective dust very completely, and in about one-fifth of the usual time. The dust sticks just as well as a wet spray, and gives a much more even and thorough covering. In fact, dusting methods have proven far superior to wet methods for control of many insect injuries such as codling moth, etc., and the danger due to injury from "burning" has been practically eliminated.  
*Prices subject to market changes.*

### PRICES

1 lb. Package 20 cts.; 5 lb. Package 15 cts. per lb.; 25 lb. Drum 9 cts. per lb.; 100 lb. Drum 7 cts. per lb.

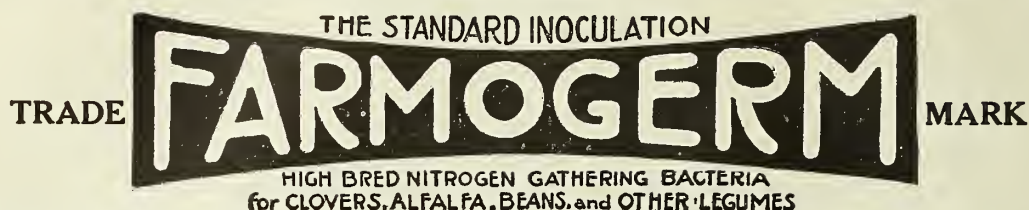
LEARN HOW TO MAKE CORONA MIXTURE. A COMBINED INSECTICIDE AND FUNGICIDE

made by mixing equal parts by volume of "Corona Dry" and Corona Dusting Sulphur, as shown in the booklet "Garden Pests and their Control"



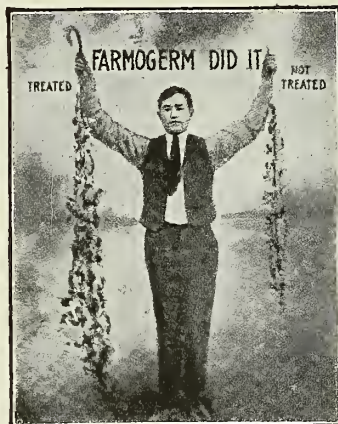
# ENRICH YOUR SOIL AND KEEP IT RICH

To Insure a Stand, Enrich Your Soil, Increase the Yield, Always Treat Your  
CLOVERS, ALFALFA, PEAS, BEANS, VETCH, SOJA BEANS, COW PEAS, FIELD PEAS, SWEET PEAS AND  
ALL LEGUMES



## Inoculation of Legume Seeds with Farmogerm

Is a simple process; no fuss, no bother. Just moisten the seed with FARMOGERM, pure cultures, allow them to dry, and plant. Seeds for 20 acres can be treated in a few minutes and the results will surprise you. In order to obtain the maximum yield Legume (or pod bearing) crops, seeds must be supplied with Nitrogen-Gathering Bacteria. FARMOGERM supplies these Bacteria, guaranteed alive and efficient, and shipped in a form to be conveniently applied to the seeds. Their use will increase the yield of the crop and make it richer in protein or feeding value. Your stock will relish FARMOGERMED Legume Fodder.



## Cost of Farmogerm

Extra Farm Size.....	100 acres,	\$100.00
Farm Size.....	50 acres,	50.00
Small Farm Size.....	5 acres,	5.00
Trial Farm Size.....	1 acre,	1.50
Garden Size .....	$\frac{1}{4}$ acre,	.50
Half Garden Size....	$\frac{1}{8}$ acre,	.25

Always specify crop when ordering.

Insist on FARMOGERM. It insures live, active Bacteria. Cultures in sealed bottles are not to be depended on.

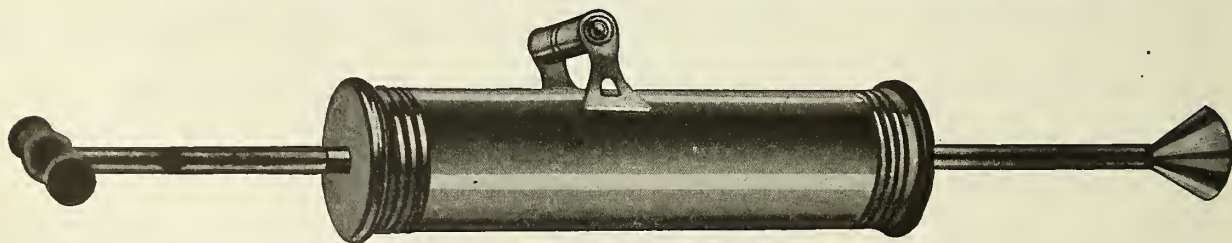
Ask Us for Interesting Literature

Atmospheric Nitrogen is free. The supply is unlimited. Why not make use of it and save the high cost of Nitrogen Fertilizer?

For those who are accustomed to using a culture of legume bacteria in a dry medium and who prefer that type of preparation we can now furnish "ALLCROP FARMOGERM." This contains all the various strains of legume bacteria in a single can and will inoculate any legume crop. In addition it also contains a large number of strains of bacteria which fix nitrogen in the soil independently which makes "ALLCROP FARMOGERM" of benefit to any crop—legume or non legume.

1 Acre Size Can, \$1.00; 5 Acre Size Can, \$4.00. Postpaid.

# THE NEW CORONA HAND DUSTER



The new Corona Hand Duster is a mechanically perfect apparatus which emits powders in clouds of right consistency from any position and in any direction, downward, upward or horizontally. Entirely different principles of mechanics have been brought into play, than have been used heretofore on such outfits. This principle is a pulsating measurement of the dust co-incident with the piston of the pump producing the air jet. It is made of the best materials obtainable. It will last a life time, always giving perfect service. The pump mechanism operates directly within the dust reservoir. Its construction virtually eliminates mechanical friction, the packing being accomplished by the air movement. It is double acting and at each movement of the piston automatically measures and ejects a sufficient amount of dust for that one air pulsation. It is very light in weight and easily held in the hands in the most natural position. A handle is provided for each moving member of the pump so that the direction of the cloud of dust can be easily controlled.

The dust Mixture is placed very easily within the Duster by unscrewing the specially designed cylinder end and sliding it on the tube a sufficient distance from the cylinder. This gives an unusually large opening for filling the cylinder hopper into which a sufficient amount of dust can be placed. It is most convenient to fill the cylinder hopper by using a tablespoon or like utensil. Close the gun by screwing the cylinder end into place, making everything air tight.

In working the Duster use a very easy short stroke. The gun will give strong action and if worked too hard will throw too much material and be wasteful.

Price, \$2.50 each. Sent by Parcel Post to any Post Office in New England States on receipt of price.



# BRECK'S — HIGH GRADE — VEGETABLE SEEDS

**T**HIS IS OUR NINETY-FOURTH ANNUAL CATALOG. We believe our knowledge and reputation acquired during all these years is of value. Through integrity and experience we have built up a business which stands second to none in reliability, and which is exceeded in volume by that of only one or two concerns in this country. The Golden Roll of Honor attests our ability to serve the gardening and farming public satisfactorily, else we would not be privileged to retain these gentlemen as customers for so many decades. If you want any information regarding horticultural or agricultural matters write us, or better still, call if possible and your inquiries will receive intelligent attention. Our policy is to do business in the good old-fashioned way, giving the best service and selling only goods of the highest quality at fair prices. If you have never dealt with us, surely some of your neighbors can tell you about our goods. If you desire "the best" send us a trial order; one small transaction will convince you.

NOTICE—We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any Nursery Stock, Seeds, Bulbs or plants we sell, and will not be in any way responsible for the crop. If the purchaser does not accept these goods on these terms, he must return them at once, and all payments therefor will be refunded.

JOSEPH BRECK & SONS, Corporation.

## Artichoke

(Cynara Scolymus)

German, "Artischoke."—French, "Artichaut."  
Spanish, "Alcachofa"

**CULTURE.** A rich sandy loam is desirable, but any soil made fine by deep culture and enriched with plenty of well-rotted manure will answer. Sow seed in hot-bed early in spring, in rows 6 inches apart; transplant when large enough into boxes or pots. After danger of frosts is past plant in the open ground, 2 feet between the plants and 3 feet between the rows.

This method of cultivation will produce heads for culinary purposes by September. Seed may, if desired, be sown in the open ground in May, but the little tender plants should be given protection until the cold weather of spring has passed.

Plants raised from seed sown outdoors will not give edible heads until the second summer. One ounce of seed will sow 30 feet of drill.

	Pkt.	Oz.	¼ lb.
Large Green Globe. The best and most popular sort	.....	\$0.10	\$0.50 \$1.50
Early Purple, or Violet	.....	.10	.50 1.50

## Jerusalem Artichoke

(Helianthus tuberosus)

A species of sunflower. A tuber that thrives well upon light, dry soil and is cultivated for feeding sheep and swine. It is also used for pickles. The tops when cut and cured make an excellent dry fodder. It is propagated by tubers, which should be set in rows four to five feet apart and one foot apart in the rows. Three bushels are required to plant an acre. Qt., 25c; pk., \$1.00, net.

## Asparagus

(Asparagus officinalis)

German, "Spargel."—French, "Asperge."  
Spanish, "Esparragos"

For prices on Asparagus Roots, see Vegetable Plants.

Although Asparagus is grown satisfactorily on various types of soil, it does best on sandy loams. Two or more years may be saved by planting a bed with roots instead of sowing seed. Roots may be set in the spring in trenches 8 or 10 inches deep and 3 or 4 feet apart, leaving 12 or 15 inches between plants in the row. The bed should be thoroughly worked over to a depth of at least 18 inches, forking in a liberal quantity of manure. It is well to spread the roots over a low mound of fine soil, rather than plant them directly in the hard bottom, of

the trench. Cover the crowns with not more than 2 or 3 inches of moist soil, firming it well over the roots and as the young shoots appear and grow, fill in the trench gradually. Either in the spring or after cutting season, fork in a good dressing of stable manure between the rows. The bed may be cut two or three times the second season after planting, but only a small percentage of the shoots should be taken.

Seed may be sown in drills 2 feet apart and 1 inch deep, as early in spring as the ground can be worked. One ounce of seed will sow 60 feet of drill.

	Pkt.	Oz.	¼ lb.
Conover's Colossal. An old, well known variety	.....	\$0.05	\$0.10 \$0.30
Hub. Of New England origin; unsurpassed in this locality	.....	.05	.10 .30
Moore's Giant Purple Top. Stalks remain white until well above ground	.....	.05	.10 .30
Palmetto. Easily the most popular American variety	.....	.05	.10 .30
Medicinal Asparagus Seed	.....Per lb.,	.40	.10



Breck's Hub Asparagus



**BEANS—DWARF OR BUSH**

(Phaseolus)

German, "Bohne."—French, "Haricot."—Spanish, "Frijorenano"

To obtain a continuous supply of beans throughout the season, make plantings every two weeks from early May until about the middle of July. Beans are usually planted 2 inches deep in drills sixteen or eighteen inches apart. Many growers claim, however, that larger yields are obtained if three or four beans are planted in a hill, the hills being about eight inches apart in the row. Cultivate frequently, but not deeply, and only when the plants are dry, as earth scattered on the foliage or pods when moist will often cause the development of rust.

One quart of beans will sow 100 feet of drill.

**Beans—English**

(Vicia faba)

German, "Grosse Bohnen."—French, "Fève de Marais."—Spanish, "Haba"

Plant as early in spring as the ground can be worked. The rows should be three feet apart; set the seed in the rows six inches deep, four inches apart. As the pods get formed, top the plants, thereby preventing too much running to vine.

Broad Windsor. Large, seeded, standard variety. Pkt., 15c; qt., 40c.



Stringless Green Pod

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

**Beans—Green Podded Varieties**

For two consecutive years the Seed Bean Crop has been destroyed or rendered unfit for seed purposes by continuous wet weather and early frosts, resulting in a shortage of beans of all descriptions without precedent.

Prices have advanced to a higher level than during 1915. This is especially true of the wax podded varieties. It has been most difficult to obtain even a small percentage of a normal supply of reliable seed stock. The varieties we offer on the following pages have been selected with care. The seed is of good quality and all carefully hand-picked. We offer them subject to being unsold and as being the best the season of 1916 has produced.

**WE SUPPLY PACKETS OF BEANS AT  
15 CENTS EACH.**

	Pt.	Qt.	Pk.
Dwarf Horticultural. Large green pods splashed with red, the popular shell bean for home and market.....	\$0.35	\$0.60	\$4.00
Breck's Tewksbury Dwarf Horticultural. Larger sort and more highly colored than the Dwarf Horticultural	.35	.60	4.00
Burpee's Stringless Green Pod. Extra Early, very prolific, quite stringless.	.35	.60	4.00
Black Valentine. Pods long, straight and nearly round, favorite with market gardeners .....	.30	.50	3.50
Bountiful. Extra early, flat green pods, tender and stringless.....	.35	.60	4.00
Early Mohawk. Large flat pods, a fine early .....	.25	.45	3.50
Early-Red Valentine. One of the earliest and best, pods round.....	.30	.50	3.50
Goddard, or Boston Favorite. A larger later Dwarf Horticultural.....	.30	.50	3.50
Kidney, Red. An excellent shell and baking bean .....	.20	.35	3.00
Kidney White. A white seeded variety	.20	.35	3.00
Long Yellow Six Weeks. Early pods, long, flat and full.....	.30	.50	3.50
Low's Champion. Large, green, flat, stringless pods .....	.30	.50	3.50
Prolific Tree Pea Bean. The popular baking variety; beans very small...	.25	.45	3.50
Red Cranberry. A favorite snap and shell bean .....	.30	.50	3.50
Refugee. Thorburn's extra early, or superior quality, and two weeks earlier than the late.....	.30	.50	3.50
Refugee. Late or 1000 to 1. Very productive, round pods, largely grown for pickling .....	.30	.50	3.50
Longfellow. Early, very hardy; large round pods, fine flavor.....	.30	.50	3.50
Triumph of the Frames. Best for forcing. Use as shell or string.....	.40	.75	
White Marrow. Large flat pods, a good dry baking bean.....	.25	.45	3.00
Wonder of France. Green Flageolet, long tender pods.....	.40	.75	
Yellow Eye Improved. A large mealy variety for baking.....	.25	.45	3.00

Prices quoted subject to change without notice.

**Beans—Dwarf or Bush Limas**

	Pt.	Qt.	Pk.
Burpee's Improved. A true bush form of the large Lima.....	\$0.25	\$0.40	\$2.25
Dreer's. A bush form of Dreer's Lima Pole, possessing all the good qualities of that sort.....	.35	.60	4.00
Fordhook. Early. A perfect bush Lima of erect habit and very large. Best sort for this locality.....	.35	.60	4.00
Henderson's. A bush Seiva, a continuous cropper, fine for the home garden	.25	.40	2.25





Davis Kidney Wax Beans

### Beans—Dwarf or Bush (Phaseolus)

German, "Bohne."—French, "Haricot."—Spanish, "Frijorenano"

To obtain a continuous supply of beans throughout the season, make plantings every two weeks from early May until about the middle of July. Beans are usually planted 2 inches deep in drills sixteen or eighteen inches apart. Many growers claim, however, that larger yields are obtained if three or four beans are planted in a hill, the hills being about eight inches apart in the row. Cultivate frequently, but not deeply, and only when the plants are dry, as earth scattered on the foliage or pods when moist will often cause the development of rust.

One quart of beans will sow 100 feet of drill.

### Wax or Butter Varieties

Packets of all varieties, 15c each.

	Pt.	Qt.	Pk.
<b>Black Wax, Improved Prolific.</b> Very early, round thick pods of medium length .....	\$0.45	\$0.85	\$5.00
<b>Black Wax, Currie's Rust Proof.</b> Flat pods, early, prolific, very good quality .....	.45	.85	5.00
<b>New Kidney Wax.</b> A great improvement on Wardwell's Wax; more prolific bearer, pods large, vines of stout growth, loaded with beans, very popular with all market gardeners who have become familiar with it .....	.45	.85	5.00

### BRITTLE WAX

A hardy quick growing bean. Considered very early, quite stringless, good quality, pods round, somewhat curved .....	.40	.75	4.00
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### GOLDEN WAX, IMPROVED RUST PROOF

	Pt.	Qt.	Pk.
Early, long, flat pods, quite immune from rust, stringless, the most popular variety for home garden...	.40	.75	5.00
<b>Golden Eye Wax.</b> Hardy and prolific, pods flat, very free from rust.....	.40	.75	5.00
<b>Wardwell's Kidney Wax.</b> Early, long, flat pods, good quality, good shipper, the standard wax variety with market gardeners in this vicinity...	.45	.85	5.00
<b>Dwarf Horticultural Wax Rust Proof.</b> A splendid bean, very prolific, pods 6 inches long, quite stringless, good flavor .....	.45	.85	5.00

### CRACKERJACK WAX

Pods rounder and more meaty than Wardwell's, good size, color, splendid market variety, stands shipping well; very popular with the Western market gardeners .....	.45	.85	5.00
<b>Davis Kidney Wax.</b> The best white seeded wax bean; long, well shaped pods, good quality; a general favorite .....	.45	.85	5.00

### ROUND KIDNEY WAX

Fine quality, prolific, early. Seed white with dark brown spot. Pods flat, thick, stringless. Very desirable sort for the home garden.....	.40	.75	4.00
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### SURE CROP STRINGLESS WAX

A new stringless variety, very prolific, resembling somewhat Currie's Wax. Early and of good flavor. Seed black, pods of good size, thick, flat. ....	.35	.65	4.00
Prices quoted subject to change without notice.			



Rust Proof Golden Wax Bush Beans

For free delivery offers and general instructions regarding orders and shipments see third page of cover.



**Beans—Pole or Running**

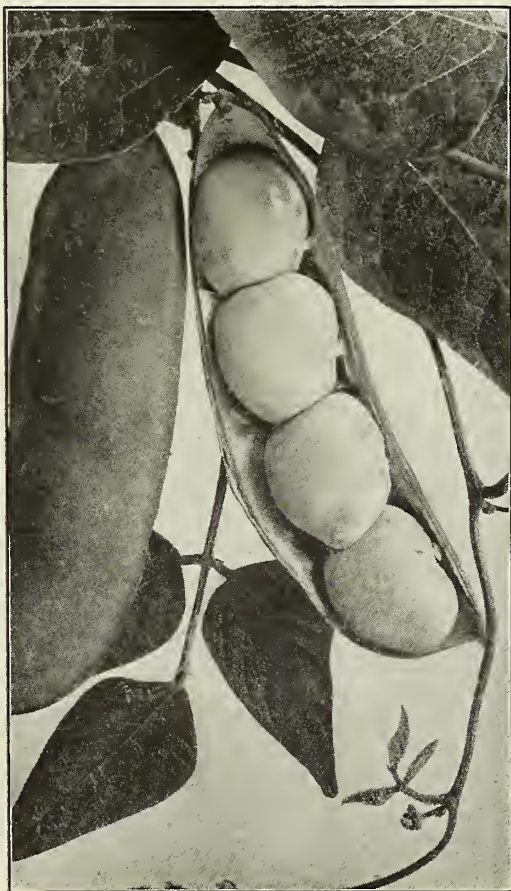
German, "Stangen Bohne."—French, "Haricots a Rames."  
Spanish, "Jidas"

It is good policy to plant Pole Beans at least a week later than the first planting of dwarf varieties because they are not as hardy. The poles are usually set at the time of planting. Plant four or five beans to a hill, in hills three or four feet apart, each way. Some growers raise the hills a little to insure good drainage. Hill-applications of well composted manure are of value. One quart of Limas will plant 100 hills; one quart of the smaller seeded sorts about 200 hills. All large seeded Limas should be planted eye down to insure quick growth.

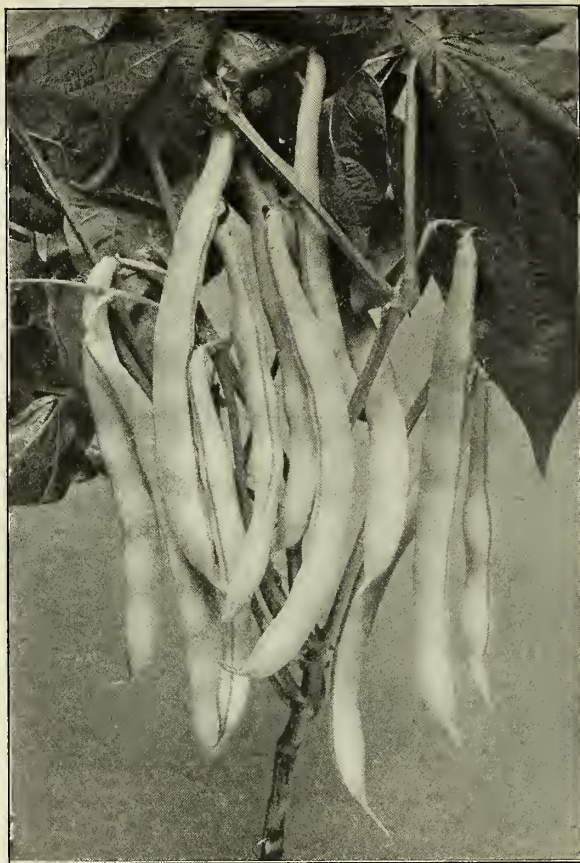
We supply packets of beans at 10 cents each.

**Beans—Green Podded Varieties**

<b>Carmine Podded Horticultural.</b> Also called Columbia, Hampden and Worcester. The best Horticultural Pole Bean in existence. It is early and produces an immense number of large, highly-colored pods. A splendid shell bean .....	Pt.	Qt.	Pk.
	\$0.25	\$0.40	\$3.00
<b>Horticultural or Speckled Cranberry.</b> Large green pods, streaked with red; good either as a string or shell bean	.25	.40	3.00
<b>Kentucky Wonder or Old Homestead.</b> A very prolific, long, green podded sort. Sometimes known as the "Snake Bean," and without doubt the best pole string bean offered.....	.25	.40	3.00
<b>Lazy Wife.</b> Long pods, beans white, wonderfully prolific .....	.25	.40	3.00



Improved Bush Lima Beans

**New Kidney Wax**

	Pt.	Qt.	Pk.
<b>Lima, Large White.</b> An old much esteemed variety .....	.25	.40	3.00
<b>Lima, Dreer's or Challenger.</b> Round, very thick beans, productive.....	.25	.40	3.00
<b>Lima, King of the Garden.</b> Large pods, productive, good market sort.....	.25	.40	3.00
<b>Lima, Seiva or Small.</b> Earlier and harder than the large Lima.....	.25	.40	3.00
<b>Red Cranberry.</b> Large, tender, stringless pods, very productive.....	.25	.40	3.00
<b>Scarlet Runner.</b> Used in the United States almost wholly as an ornamental climber on account of its bright scarlet flowers, rapid growth and large leaves .....	.25	.45	3.00
<b>White Dutch Runner.</b> Same as Scarlet Runner, except that the flower is white .....	.25	.45	3.00

**YARD LONG BEAN**

An odd bean from far away Japan. Seeds resemble somewhat those of Cow Peas. Of interest as a curiosity. Pod round, about the thickness of a common lead pencil and under favorable conditions will grow to the length of two feet and over.

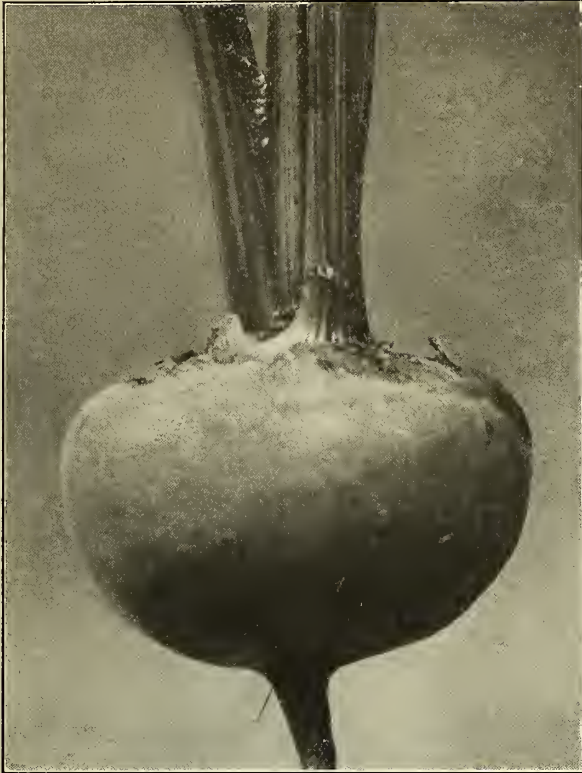
Package, 10c; 3 packages, 25c. Postpaid.

**Pole Beans—Wax Podded Varieties**

	Pt.	Qt.	Pk.
<b>Golden Cluster.</b> Pods very large, tender, early, rich golden color, grown in clusters, beans white.....	\$0.30	\$0.50	\$3.50
<b>Kentucky Wonder Wax.</b> Similar to green podded Kentucky Wonder. Very prolific, fine quality, pods long, broad, fleshy, stringless.....	.30	.50	3.50

For free delivery offers and general instructions regarding orders and shipments see third page of cover.





Breck's Arlington Grown Crosby

**BEET**

(Beta vulgaris)

German, "Runkel Rube."—French, "Betterave."—Spanish, "Beteraga"

Any well-prepared, light garden soil will grow good beets. Successive plantings can be made from April until the middle of July. Sow in drills about one inch deep and 12 or 15 inches apart. The young plants are usually thinned to four inches apart in the row before they begin to crowd; many gardeners wait until the plants are six inches high so that those removed can be used for greens. One ounce of seed will sow 50 feet of drill.

	Pkt.	Oz.	¼ lb.	Lb.
Breck's Beats All. Superior in all respects to others as an early or main crop variety.....	\$0.05	\$0.10	\$0.30	\$1.25
Breck's Arlington Grown Crosby's Egyptian Beet. The best early beet, small top and tap roots, early as common Egyptian but of better shape, size and color.....	.10	.25	.75	2.50
Columbia. Round and smooth, deep red flesh .....	.05	.10	.35	1.25
Crosby's Egyptian. Early as original type, but thicker, smoother, and of better quality.....	.05	.15	.40	1.50
Crimson Globe. Medium size, good keeper; flesh deep purplish red..	.05	.10	.35	1.25

Spencer, Mass., Nov. 17, 1916.

Jos. Breck &amp; Sons, Corpn.

Gentlemen:—I am pleased to advise that I had good luck with your seeds this season, finding both the Pea Beans and the Soya Beans very satisfactory.

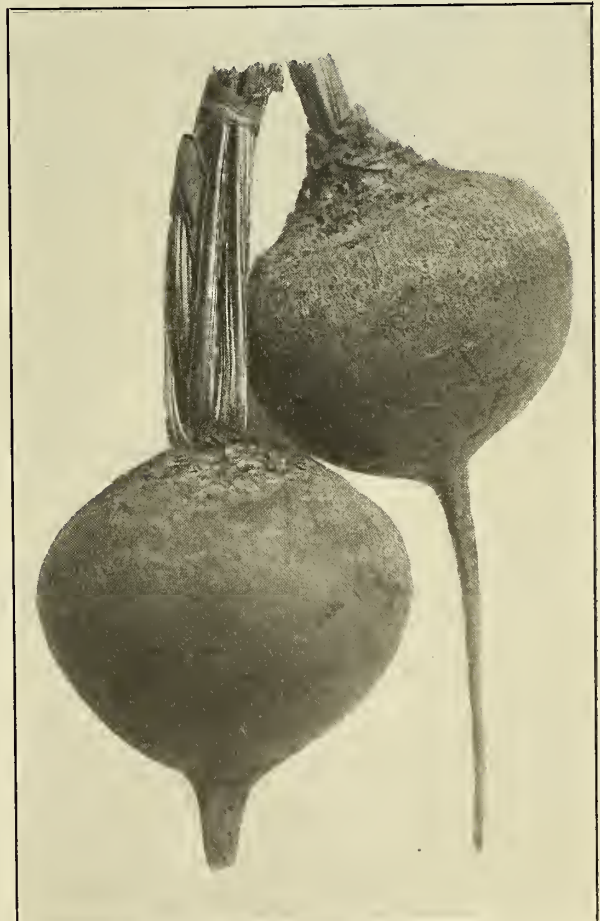
Yours very truly,

J. J. MACK.

Dewey's Early Blood. Medium early sort, good keeper, large size; an old time favorite.....	Pkt.	Oz.	¼ lb.	Lb.
	.05	.10	.30	1.00
Early Arlington. Early, deep round form, blood red color.....	.05	.10	.30	1.00
Detroit or Dirigo. One of the best for home or market garden use, medium size, almost globular, very uniform. Color dark red.....	.05	.15	.50	1.50
Eclipse. Very early, bright red, smooth roots, top small.....	.05	.10	.35	1.25
Edmands. A popular late turnip shaped beet, smooth and of good size, good keeper, small top, flesh red .....	.05	.10	.30	1.00
Edmand's, Barker's Strain. A superior strain of Edmand's Blood Beet; of splendid shape, uniform in size and of dark red color.....	.10	.20	.60	2.00
Egyptian. An early, fine colored, smooth turnip beet.....	.05	.10	.30	1.00
Long Red Erfurt. Flesh deep red..	.05	.15	.40	1.50
Beet. For greens.....	.05	.10	.30	1.00

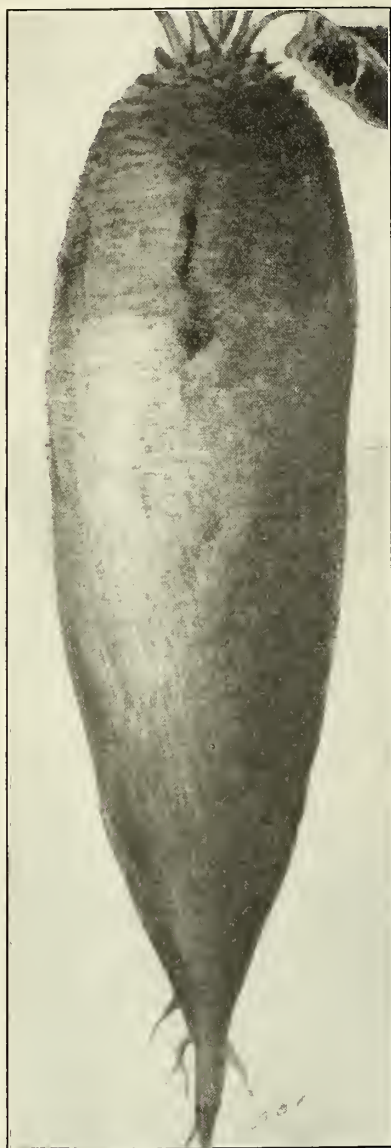
Where orders are accompanied by cash WE DELIVER FREE to any Post Office, Railroad, Express Office or Freight Station at our expense, except where otherwise noted:—

Vegetable and Flower Seeds at the package, ounce, ¼ pound, ½ pound and 1 pound prices.  
Bulbs at the single and dozen rates.  
Books and other publications.



Breck's Barker Strain Edmands





Breck's Mammoth Long Red

## MANGEL-WURZEL AND SUGAR BEETS

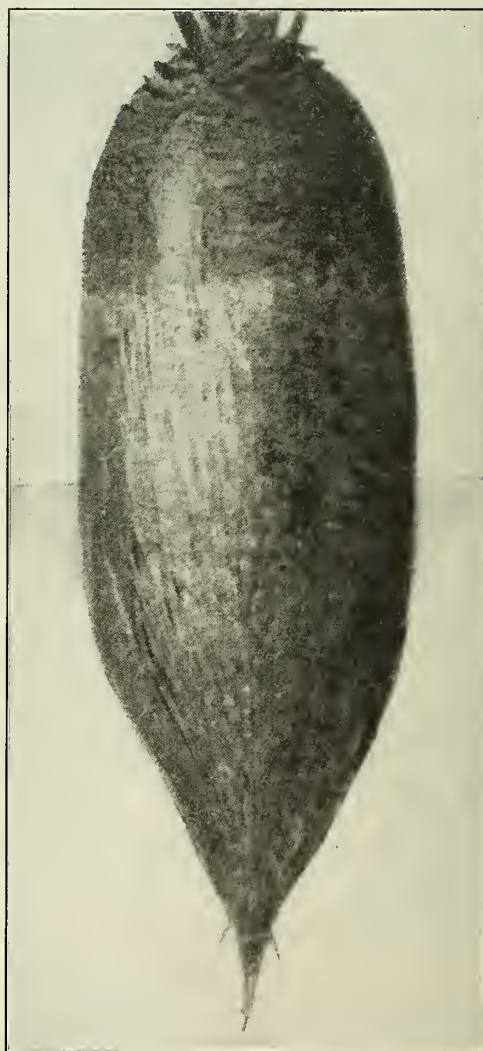
Sow in May or June in rows 18 inches to 2 feet apart and thin to 8 inches in the row. The value of these for stock feeding cannot be over-estimated. For sheep, dairy-stock, and fattening of cattle, experience has proved the Mangel-Wurzel to be at once healthful, nutritious and economical. From 6 to 8 pounds will sow one acre.

### SLUDSTRUP BARRES

**Giant Mangel-Wurzel.** The seed we offer is Danish grown and Sludstrup has been repeatedly awarded the highest honors in Danish Agricultural Exhibitions. While the roots do not grow to as great a length as Mammoth Long Red the growth is more above ground, thicker and heavier, frequently weighing 15 pounds and more; color reddish yellow. A most desirable stock feed. Pkt., 5c; Oz., 10c;  $\frac{1}{4}$  lb., 25c; Lb., 75c.

#### USE MAPES POTATO MANURE 1916 BRAND

THE fertilizer for  
Beets, Mangels, Sugar  
Beets and Carrots.



Golden Tankard

### BRECK'S MAMMOTH LONG RED

A selection of the Long Red variety. It is Pkt. Oz. $\frac{1}{4}$ lb. Lb.				
smooth skinned, fine grained, and a heavier cropper. We consider it superior to all others .....				
	\$0.05	\$0.10	\$0.25	\$0.75
Champion Yellow Globe. Grows in shallow soils .....				
	\$0.05	\$0.10	\$0.20	\$0.75
Golden Tankard. A half-long variety of bright yellow color .....	.05	.10	.20	.75
Long Yellow. Differs from Long Red only in color .....	.05	.10	.20	.75
Norbiton Giant. Long Red; a valuable variety..	.05	.10	.20	.75
Red Globe. Similar to Yellow Globe, except in color .....	.05	.10	.20	.75
Breck's Imperial White Sugar. An improved American-grown French Sugar Beet.....	.05	.10	.25	.80
Klein-Wanzleben Sugar Beet. Unsurpassed for the production of sugar or for cattle feeding	.05	.10	.25	.80
Lane's Improved Sugar Beet. A well-known variety, valuable for feeding to cattle.....	.05	.10	.25	.80



## Borecole or Kale

(Brassica oleracea, acephala)

German, "Blatterkohl."—French, "Chou Vert."  
Spanish, "Breton"

The Kales are very hardy, and make excellent greens for late fall and early spring use. Sow about May first in prepared beds, transplant in June, proceeding as with Cabbage plants. Siberian Kale may be sown late in August and handled like Spinach for spring greens. One ounce of seed will sow 150 feet of drill.

**Dwarf Green Curled Scotch.** Leaves bright green, closely curled, very tender. Quality is improved if the plants are touched by frost before being used. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

**Dwarf Brown.** Similar to the preceding but darker color, very hardy. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

**Siberian or German Greens.** Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

**Tall Green Curled Scotch.** Similar to the dwarf, but more vigorous growth. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.50.

## Broccoli

(Brassica oleracea, botrytis)

German, "Spargelkohl."—French, "Chou Brocoli."  
Spanish, "Broculi"

Closely resembles the cauliflower, but is hardier. Like Cabbage and Cauliflower, it succeeds best in deep, rich, moist soil and in cool weather. Seed should be sown at the same time and plants receive the same general culture as cabbage. Completes its growth from seed in from 120 to 140 days. Five to ten degrees of frost will not injure the plants when they are approaching maturity. One ounce of seed will produce about 1500 plants.

Pkt. Oz., ¼ lb.

**Early Purple Cape.** Hardy, heads of medium size and compact formation....\$0.10 \$0.35 \$1.25

**Veitch's.** Self-protecting, large compact head ..... .10 .35 1.25

**White Cape.** Like Purple Cape, but of a creamy white color..... .10 .35 1.25

## Swiss Chard or Sea Kale Beet

This variety is cultivated solely for its leaves. The midrib is stewed and served as asparagus, the other portion of the leaves being used as spinach. Especially desirable for the home garden, as it is a vegetable always ready for use.

**Giant or Perpetual.** Broad light green leaves.

**Dark Green Curled.** Leaves large crumpled, white midrib.

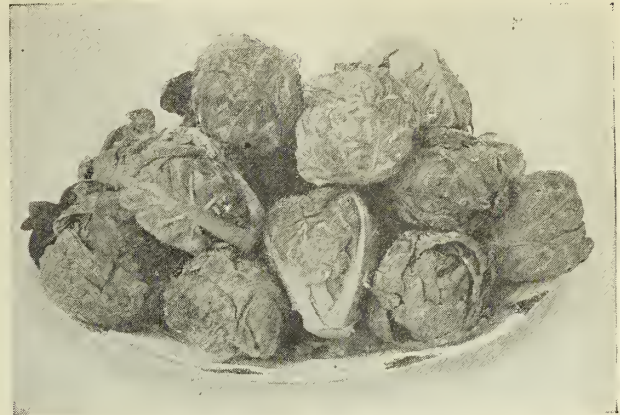
**Blonde.** Broad white midrib, yellowish green leaves.

**Lucullus.** Very large crumpled leaves, general favorite.

All 5c pkg; 10c oz.; 30c ¼ lb.; \$1.00 lb.



Lucullus Swiss Chard



Amager Market Brussels Sprouts

## Brussels Sprouts

(Brassica oleracea, gemmifera)

German, "Sparsenkohl."—French, "Chou de Bruxelles."  
Spanish, "Berza de Brusela"

This interesting vegetable produces small heads resembling miniature cabbages all over its tall stem. The sprouts, either cooked or pickled in the same way as cauliflower, are esteemed a great delicacy. Seed may be sown in May in a seed bed, and the plants afterward set out and cultivated like cabbage. Being small and hardy the sprouts are not in the least injured by frost. One ounce of seed produces about 1500 plants.

Pkt. Oz. ¼ lb.

**Improved Paris Market.** A most desirable strain .....\$0.05 \$0.25 \$1.00

**Dalkeith.** The finest variety..... .05 .25 1.00

**Amager Market.** Largest sort, often grows 3 feet high, sprouts closely set and develop uniformly..... .10 .30 1.00

## Chervil

German, "Gartemkerbel."—French, "Corfeuil."  
Spanish, "Cerafolio de Cafe"

**Chervil Curled.** An aromatic sweet herb that resembles parsley. The young leaves are used in soups and salads. Sow evenly in May, in drills ½ inch deep, 1 foot apart. Per pkt., 5c; per oz., 20c; per ¼ lb., 50c.

**Chervil, Tuberous Rooted.** Sow in May or June, after treatment same as for carrots. Per pkt., 5c; per oz., 25c; per ¼ lb., 75c; per lb., \$2.00.

## Chives

**Allium Schoenoprasum.** Resembles the Onion in growth and of the same family. Used largely as salad and for flavoring soups. Can be cut repeatedly during the growing season. Pkt., 10c; oz., 50c.

Gentlemen:—

For over twenty years I have planted your seed and I can truthfully state that all seeds were genuine and gave good results. No matter whether I take charge of small vegetable gardens or large gardens my orders are Breck's seeds, for I know the difference, as I have tested other seeds along in rows with the Breck seeds and yours were better in all respects.

Yours truly,  
F. I. LOGAN, farmer,  
Parker Farm, S. Framingham, Mass.

For free delivery offers and general instructions regarding orders and shipments see third page of cover.





Copenhagen Market

Breck's Winchester Savoy

## Cabbage

(*Brassica oleracea, capitata*)

German, "Kopfkohl."—French, "Chou Pomme."  
Spanish, "Berza"

Cabbage will do well in any deep, rich, well-drained, and abundantly manured soil. Sow seed of the early varieties in hot beds about February first, and prick out into other hot beds as soon as the plants are strong enough, or set in cold frames in March. When danger of frost is past, transplant to the open ground. The late or winter crop seed can be sown in seed beds in May and plants set in the field in July. Late varieties are usually planted in rows 30 inches apart with 2 feet between plants; early sorts may be set 15 by 24 inches or even closer. One ounce of seed should produce about 2500 plants.

	Pkt.	Oz.	¼ lb.	Lb.
<b>All Seasons.</b> One of the best for second early and late crops, very large and a sure header.....	\$0.05	\$0.30	\$1.00	\$3.00
<b>Breck's Winchester Savoy.</b> The market gardener's favorite. Seed we offer was obtained after many years' careful selection from only the best heads. Seed planted as late as June 20th will mature about the middle of October; heads large, of splendid shape, fine flavor, and as a keeper for winter use it is unsurpassed.....	.15	.75	2.50	
<b>Danish Ball Head.</b> A winter variety, large, round, solid heads; splendid keeper .....	.10	.35	1.25	4.00
<b>Early Jersey Wakefield.</b> Market gardeners can find nothing better for an early cabbage. Heads somewhat pointed, extremely solid, superior quality .....	.05	.30	1.00	3.00
<b>Early Winnigstadt.</b> A early variety with conical shaped heads.....	.05	.30	1.00	3.00
<b>Copenhagen Market.</b> As early as the Wakefield, heads large, round, uniform size, averaging under good conditions about ten pounds each. This variety growing in popularity with the market gardeners. One of the best early cabbages.....	.10	.50	1.75	6.00

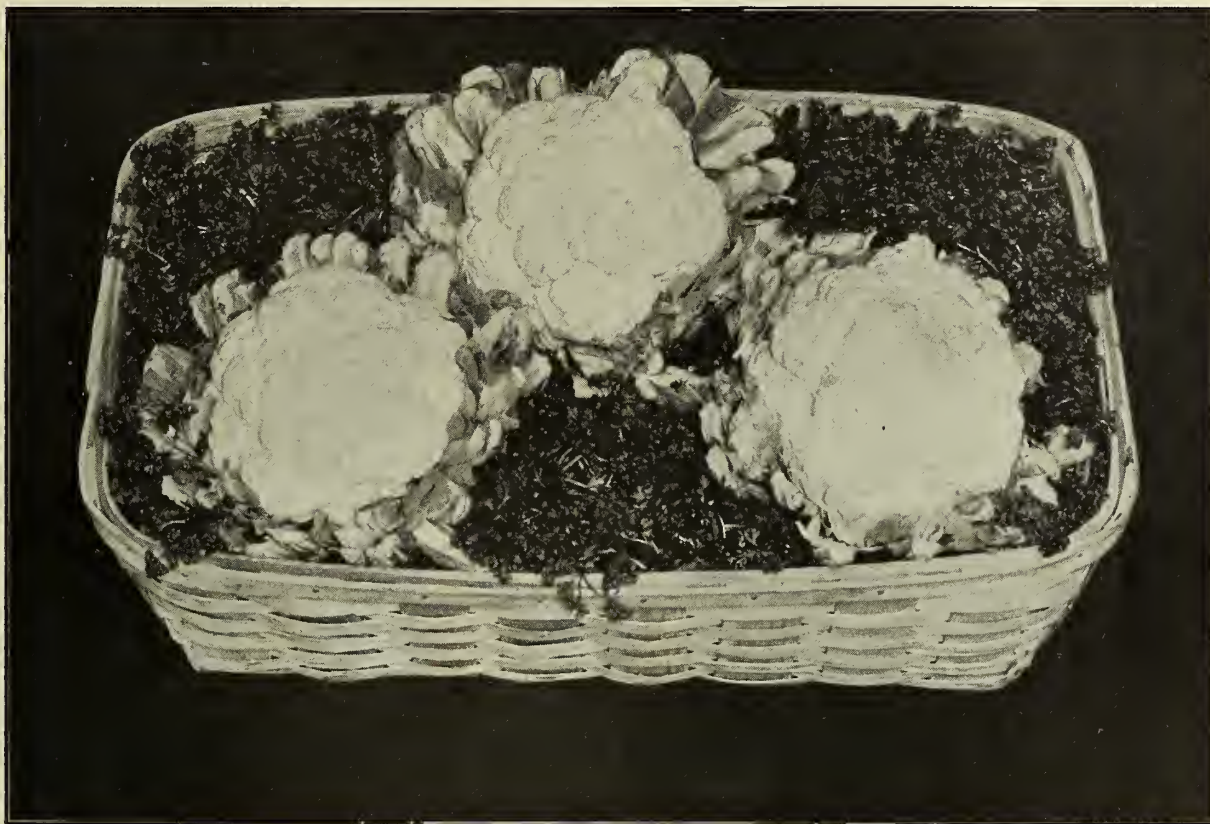
	Pkt.	Oz.	¼ lb.	Lb.
<b>Fottler's Improved Brunswick.</b> One of the best second early varieties. Large head, drumhead type.....	.05	.30	1.00	3.00
<b>Glory of Enkhuizen.</b> Second early variety, solid head, almost globular; sure heading; vigorous growth .....	.10	.40	.75	2.50
<b>Henderson's Early Summer.</b> Large flat heads, about ten days later than Jersey Wakefield.....	.05	.30	1.00	3.00
<b>Hendrickson's Long Island Savoy.</b> Popular variety with Long Island, N. Y., market gardeners. Large heads, uniform size; a splendid late cabbage .....	.10	.60	2.00	
<b>Peconic Red.</b> Large, solid, red variety; grown largely by the Long Island, N. Y., market gardeners....	.10	.60	2.00	
<b>Pe-Tsai, or Chinese Cabbage.</b> A quick growing, medium late, sort. Growth and heads resemble Cos Lettuce .....	.10	.50	1.50	
<b>Premium Drumhead.</b> Breck's Selected. A standard main crop variety .....	.05	.25	.75	2.50
<b>Premium Flat Dutch.</b> Breck's Selected. A favorite variety for winter market .....	.05	.25	.75	2.50
<b>Red Perfection.</b> Breck's. Superior in size and quality to all other red sorts .....	.05	.30	1.00	3.00
<b>Red Dutch, or Pickling.</b> Fine, solid, dark red heads; medium early....	.05	.25	.75	2.50
<b>Savoy American Improved.</b> Large, late, crumpled leaf, very sure to head, excellent keeper.....	.05	.30	1.00	3.00
<b>Succession.</b> Selected. Valuable second and late crop variety.....	.05	.30	1.00	3.50
<b>Warren's Stone Mason.</b> An improvement on the old type, rounder and solid .....	.10	.40	1.25	4.00
<b>Warren's Stone Mason.</b> Breck's Private Stock. This is a still further improved selection of the popular Warren strain. It is grown in Essex County especially for us. We recommend it as the very best type obtainable .....	.10	.50	1.75	6.00
<b>World Beater.</b> The largest Drumhead variety. Late, solid, good keeper .....	.05	.30	1.00	3.00

For free delivery offers and general instructions regarding orders and shipments, see third page of cover.



## BRECK'S WHITE BOUQUET CAULIFLOWER

Breck's White Bouquet Cauliflower. For early or for main crop, those who have grown it, private and market gardeners alike, agree that Breck's White Bouquet Cauliflower has no peer. It will head when other varieties fail; moreover it is a strain well-adapted for forcing under glass during winter and spring. The plants are comparatively short-stemmed, have small leaves, and produce medium to large close-grained, snowy-white heads of the finest quality. We feel confident that no better strain has ever been developed, and that it is the earliest and most reliable variety for New England. Pkt., 25c; oz., \$4.00; ¼ lb., \$12.50.



Breck's White Bouquet Cauliflower

**Cauliflower***Brassica oleracea, botrytis*

German, "Blumenkohl."—French, "Chou-fleur."—Spanish, "Coliflor"

(Price on Cauliflower Plants, see Vegetable Plants.)

Cauliflower is the most delicate and delicious member of the cabbage family. Although the ideal soils for this vegetable are well-drained, rich, moist, heavy loams, it will do well in any soil that grows good cabbage. Plants from seed sown in the hot-bed late in February will be ready for the open ground about the first of May. The seedlings should be transplanted as soon as they are strong enough; later, when the time for setting in the field is approaching the plants should be gradually hardened by exposure. For late plants sow the seed sparingly in a well-prepared seed-bed in May, selecting a cool place; treat the seedlings as if they were Cabbage, but exercise greater care. In the field make the rows 30 inches apart and set the plants 18 inches apart in the row. When the heads are forming tie the tops of the leaves together with roffea or soft twine in order to shut out the sun and rain; pure white attractive heads can not be grown without protection.

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

	Pkt.	Oz.	¼ lb.
Early Dwarf Danish. A variety of the Erfurt from Denmark. It matures evenly and is a reliable header.....	.20	3.00	10.00
Earliest Dwarf Erfurt. A very choice strain of the well-known Erfurt cauliflower .....	.20	3.00	10.00 ✓
Extra Early Paris. An old but still popular sort .....	.10	.75	2.00
Early Snowball. A reliable early variety, grown largely for market.....	.20	3.00	10.00
Early London. Large and hardy.....	.10	.60	2.00
Veitch's Autumn Giant. A desirable large, late variety.....	.10	.35	1.00

"Pakeen," Canton, Mass.,  
Jan. 2, 1917.

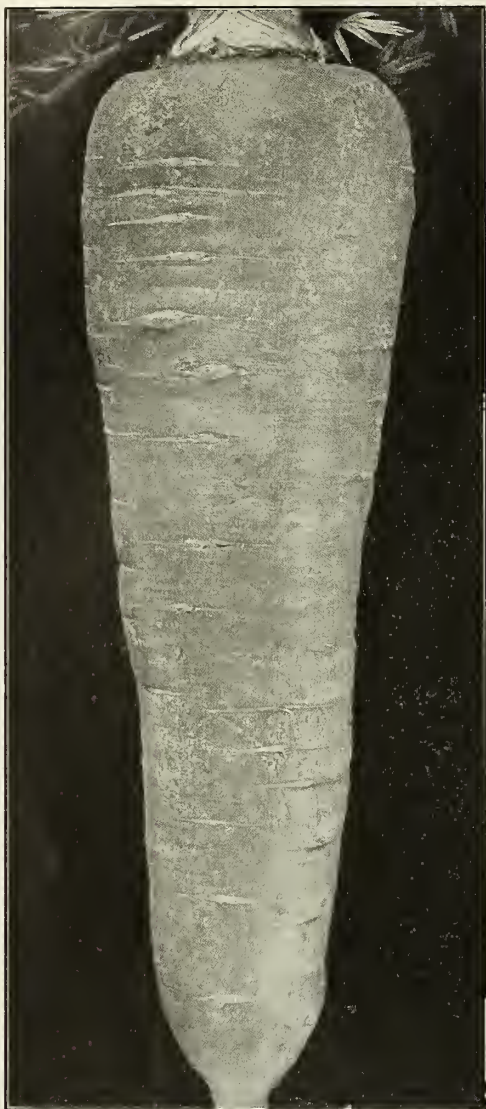
Messrs. Joseph Breck & Sons, Corp.,  
Boston, Mass.

Gentlemen:—

The past season was a poor one from a gardening standpoint and the garden here is heavy and lies low, but your seeds were satisfactory despite these drawbacks. I have always found them reliable; the unfailing courtesy of your house, coupled with good goods, make it a pleasure to deal with "Breck's."

FREDERICK CAVE.





Breck's Market Garden Danvers Half Long

**Cardoon**

(Cynara cardunculus)

German, "Kardon."—French, "Cardon."

Cardoon is grown for the edible midrib of the leaf, which requires blanching in the same manner as celery. Sow sparingly, early in spring, in drills 1 inch deep and 4 or 5 feet apart; later, thin out the young plants to about 2 feet apart in the row.

Large Smooth Spanish. Grows about Pkt. Oz. Lb.  
four feet high.....\$0.05 \$0.20 \$2.00

**Chicory**

(Cichorium intybus)

German, "Cichorie."—French, "Chicoree."

Large Rooted. Sow and treat in the same Pkt. Oz. ¼ lb. manner as carrots. This is the Chicory of commerce used to mix with coffee. The roots are taken up, washed, cut in small pieces and carefully dried before being used .....\$0.05 \$0.15 \$0.50

Witloof. Sow in May or June in drills, thin out to six inches apart, treat as Endive until end of summer, when it should be banked up like Celery. The blanched stalks are used as a salad. It is also used as a boiled vegetable prepared in the same way as Cauliflower. .05 .15 .50

**CARROTS**

(Daucus carota)

German, "Mohre."—French, "Carotte."  
Spanish, "Zanahoria"

Carrots are grown extensively both for culinary purposes and for stock feeding: the "Horn" and medium varieties for the former; the long sorts for the latter use. Fine, mellow, sandy loams, which have been manured liberally for some previous crop, such as potatoes or onions, will produce smooth, well-shaped roots. Carrot seed may be sown towards the end of April, in May, or for late crops for table use, up to the middle of June, in drills 12 or 15 inches apart and not over 1 inch deep. For an early crop sow the "Horn" or medium varieties as early in spring as the ground can be prepared. If a horse cultivator is to be used the rows should be 28 or 30 inches apart. Thin out the plants from 3 to 5 inches apart, according to the variety. As Carrot seed is slow in germinating, cultivation may begin earlier if a little radish seed is sown with the carrot to mark the rows.

One ounce of seed will sow 100 feet of drill; 4 pounds, 1 acre.

Breck's Market Garden Danvers Half Long. Selected strain half long carrot. Color deep orange, blunt point. Favorite with the market garden trade. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$2.00.

	Pkt.	Oz.	¼ lb.	Lb.
Chantenay. A type of Danvers Half-Long, but earlier and smaller....	\$0.05	\$0.20	\$0.50	\$1.75
Danvers Half Long. The most desirable main crop variety; an excellent keeper .....	.05	.15	.40	1.50
Early Scarlet Forcing. Very early and valuable for forcing.....	.05	.25	.75	2.50
Early Scarlet Horn. Medium-sized half-long variety of fine color...	.05	.25	.75	2.50
Guerande, or Oxheart. Intermediate between half-long and Horn sorts.	.05	.20	.50	1.75
Half-Long Scarlet Carentan. Stump rooted, coreless, red flesh.....	.05	.20	.50	1.75
Nantes Stump Root. Medium-size, medium-early table variety.....	.05	.25	.75	2.00
Long Orange Improved. Large long-rooted variety, suitable for table or stock .....	.05	.10	.35	1.00
Large Yellow. Desirable variety for feeding farm stock.....	.05	.10	.35	1.00
Large White. Largest and most profitable for feeding farm stock....	.05	.10	.35	1.00

**Collards, or Colwort**

German, "Blatterkohl."—French, "Chou Cabu."

This vegetable is allied to the cabbage family.

Sow seed as for cabbage, at intervals of about three weeks during May, June and July. When a month old, set out the plants in the garden in rows 3 feet apart, leaving 2 feet between the plants. The leaves are esteemed as greens. One ounce of seed will produce about 3000 plants.

Georgie. Per pkt., 5c; oz., 10c; lb., \$1.00.

**Corn Salad, or Fetticus**

(Valerianella olitoria)

German, "Lammersalat."—French, "Mache."  
Spanish, "Macka Valerianilla"

Sow very early in spring in shallow drills 1 foot apart. For an early spring crop, sow in September and winter over in cold frames, or cover with litter. One ounce of seed will sow 100 feet of drill.

Large-Leaved. Per pkt., 5c; oz., 10c; lb., 80c.

For free delivery offers and general instructions regarding orders and shipments see third page of cover.



# SWEET CORN

(Zea mays)

German, "Mais."—French, "Mais."—Spanish, "Mais"

Large packets, all varieties, 10c each.



While sweet corn is often grown in hills, experienced gardeners prefer drills. Make the first planting the latter part of May in a rich warm soil; successive sowings should be made at intervals of about ten days until July. Sow in drills from 2½ to 3½ feet apart, according to the height of the variety, and thin out the plants to 10 or 12 inches apart in the row. If grown in hills, 3 or 4 feet apart each way gives ample space; never allow more than four plants to remain in one hill.

One quart of seed will plant 150 feet of drill, or about 200 hills.

	Pt.	Qt.	Pk.
<b>Bearsfoot</b> (Washington). A vigorous growing medium late variety of very good quality; popular among the market gardeners in the vicinity of Boston. Ears large, with somewhat irregular rows of deep kernels .....	\$0.25	\$0.40	\$2.50
<b>Black Mexican.</b> Said to be the sweetest corn in cultivation, medium early, ear of good size, kernels purplish-black .....	.20	.35	2.25

## EARLY CROSBY

The standard and favorite early variety; a little later than the Cory, but sweeter and with a larger ear. 5 to 6 inches long, corn fodder 5 to 6 feet high... .20 .35 2.25

**Country Gentleman.** Late, large ear, kernels white and sharp pointed, placed in irregular rows on cob. A fine late variety and a general favorite... .20 .35 2.25

## BRECK'S EARLY HAMPSHIRE

An extra early variety which may be relied upon to mature ahead of Early Crosby. Ears comparatively large, evenly filled with small white kernels of fine quality. The plants which average about five feet in height always bear two and often three ears on each stalk. Our seed grown in New England ..... .30 .50 3.00

**Early Minnesota.** A little later than White Cory, sweet, medium sized ear, small fodder..... .20 .35 2.25

**Early Red Cory.** A very early sort with good sized ears and large kernels, an old favorite..... .20 .35 2.25

**Early White Cory.** Differs from the preceding only in color of cob..... .20 .35 2.25

**Mammoth White Cory.** Quite as early as other Cory, but with much larger ears..... .20 .35 2.25

**Peep-O-Day.** An extra early, white variety, very sweet, large well filled ear..... .20 .35 2.25

**Potter's Excelsior.** The most popular main crop variety, fodder and ears of good size, sweet, well filled .20 .35 2.25

**Quincy Market.** Larger and earlier than the common Crosby. Popular market garden variety..... .25 .40 2.50

**Stowell's Evergreen.** The standard main crop variety for market and for the home garden. Ears large; kernels deep sugary and tender, remaining in the green stage for an unusually long time..... .20 .35 2.50

SELECTED EARS, 10c EACH.

Country Gentleman Sweet Corn

For free delivery offers and general instructions regarding orders and shipments see third page of cover.



**SWEET CORN—Continued****GOLDEN GIANT SWEET CORN**

The most important Horticultural acquisition of recent years. Awarded a Silver Medal for novelty and excellence by the Massachusetts Horticultural Society.

Ears twice the size of Bantam, and, being from 14 to 16 rowed, give nearly four times the yield per acre; richer in color; more delicious; equally early.

The result of eleven years selection by Dr. Frederick S. De Lue of Boston, Mass., from a product of "Howling Mob crossed with Golden Bantam."

To introduce Golden Giant we offer a limited quantity in packets containing 25 kernels each at 25c per package postpaid.

For complete description with illustrations, see colored insert in front of catalog.

**BRECK'S SELECTED  
MASSACHUSETTS GROWN GOLDEN BANTAM**

The most popular variety of yellow sweet corn ever offered; also one of the earliest and hardiest. It can be planted safely earlier than other varieties. The plants rarely grow over 3½ feet in height, and usually bear at least two ears, 5 or 6 inches long, on each stalk. Many people assert that Golden Bantam is the sweetest of all corns; its plump, rich, cream-yellow kernels are tender, milky, and delicious. All our Golden Bantam seed is Northern grown, making it especially valuable for growth in sections where the summers are cool and short. Pt., 30c; qt., 50c; pk., \$3.00.

SELECTED EARS, 10c EACH.

**RED COB GOLDEN BANTAM CORN**

A true descendant of the Golden Bantam. It was discovered several years ago by Mr. Briggs of Newton, Mass., and on account of its extreme sweetness and tenderness was given the opportunity of proving its worth. The dry seed is of crimson hue but when in the green state if placed side by side with the Golden Bantam, could not be told from it, except that the ears and kernels average somewhat larger. Aside from its sweetness and tenderness, another point in its favor is that the kernels have practically no hulls. The cob is of a decided crimson color and the foliage is streaked with red. Matures at the same time as its parent stock.

Price per Packet, 30c. Postpaid.

Sold only in Sealed Packets.

**WHITE RICE POPPING CORN FOR SEED**

Choice, selected, New Hampshire Grown White Rice. Per lb., 12c; per 100 lbs., \$10.00.

Manchester, N. H., April 6, 1916.

Messrs. Breck & Sons, Boston, Mass.

Gentlemen:—Enclosed find order. If I do as well with your seeds this year as last, shall be perfectly satisfied. Had a fine piece of spring wheat and a good catch of clover coming, notwithstanding a bad season.

Wishing you many years of success, I remain,

Very respectfully,

MR. ELMER W. ROBERTS,

Manchester, N. H.

R. F. D. No. 3.

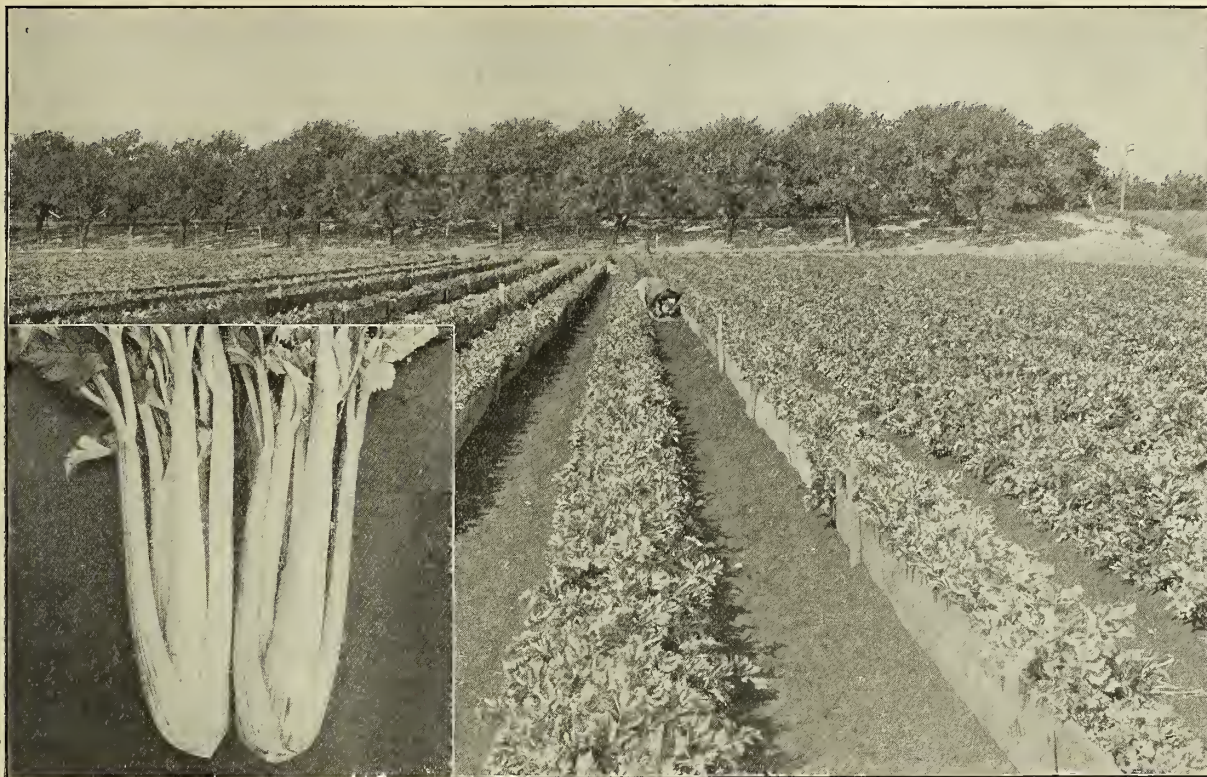


Breck's Massachusetts Grown Golden Bantam  
Sweet Corn

For Field and Ensilage Corn see Page 49.

For free delivery offers and general instructions regarding orders and shipments see third page of cover.





Golden Self-Blanching Celery

## Celery

(Apium graveolens)

German, "Sellerie."—French, "Celeri."—Spanish, "Apio"  
(For price on Celery Plants, see Vegetable Plants.)

Since celery seed is extremely small and rather slow in germinating, it is important that the seed-bed be of good rich soil, thoroughly prepared. About the middle of April sow thinly in a hot-bed or cold frame, in rows 2 inches apart, taking care to cover the seed with not more than  $\frac{1}{8}$  of an inch of fine soil. Place pieces of burlap over the bed until the seeds have germinated, and water by sprinkling the burlap. When the seedlings are  $2\frac{1}{2}$  or 3 inches high transplant into a moist seed-bed, setting the plants 4 by 4 inches. To ensure stocky plants the tops may be cut back once or twice before setting in the field. Celery does well in any deep, richly-manured soil. Make the rows about 4 feet apart, and leave 5 or 6 inches between plants in the row. Cultivate frequently, but not

deeply, to keep down weeds and to conserve moisture. With the advent of cool fall weather, begin to draw earth up about the plants, keeping the stalks well together; continue this process of ridging until late autumn when only the tops of the leaves should remain uncovered. The golden Self-Blanching variety is usually blanched by means of boards 12 or 15 inches wide set on edge on either side of the row. Celery should be stored where the air will remain cool and fairly moist. Simply set the plants close together in an upright position with several inches of soil about the roots. Cold frames, when dug to the proper depth, afford very satisfactory conditions for storing this crop. The frames should be covered with boards, lapped to shed the rain; if sash is used, under the boards, it can be blocked up slightly on mild days to give ventilation. The turnip-rooted variety, which does not require blanching, may be planted in rows about 15 inches apart.

One ounce of seed should produce about 3000 plants.

**Breck's Golden Self-Blanching.** The variety most extensively grown in all sections of the country, for all purposes, by both market and private gardeners. The plants are compact with abundant foliage, short, thick stems, and large, solid hearts. The stalks, which are rich in flavor, tender, crisp and brittle, may be blanched readily to a beautiful creamy white. Our selected strain of this grand variety is a favorite among commercial growers in this locality. Pkt., 10c; oz., \$1.50;  $\frac{1}{4}$  lb., \$5.00.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
<b>Breck's Boston Market.</b> Popular market garden variety; tender, mild flavor; good keeper.....	\$0.10	\$0.60	\$2.00	\$6.00
<b>Giant Pascal.</b> A strong grower, and wonderful keeper, quality very fine	.05	.30	1.00	3.50
<b>White Plume.</b> This variety can be blanched with boards. It is usually solid, and of pleasing nutty flavor	.05	.30	1.00	3.50
<b>Celeriac, or Turnip-Rooted.</b> The turnip-shaped roots of this variety are cooked and sliced and used with vinegar, making a most excellent salad .....	.05	.20	.75	2.00
<b>Celery Seed for Flavoring</b> .....	.05	.10	.20	.50

## Cress—Curled, or Peppergrass

(Lepidium Sativum)

The popular sort. Sow thickly in drills,  $\frac{1}{4}$  of an inch deep and a foot apart as early in spring as the ground can be prepared. One ounce will sow about 100 feet of drill. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 80c.

## Upland Cress

(Barbarea vulgaris)

A perennial variety resembling Water Cress. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.50.

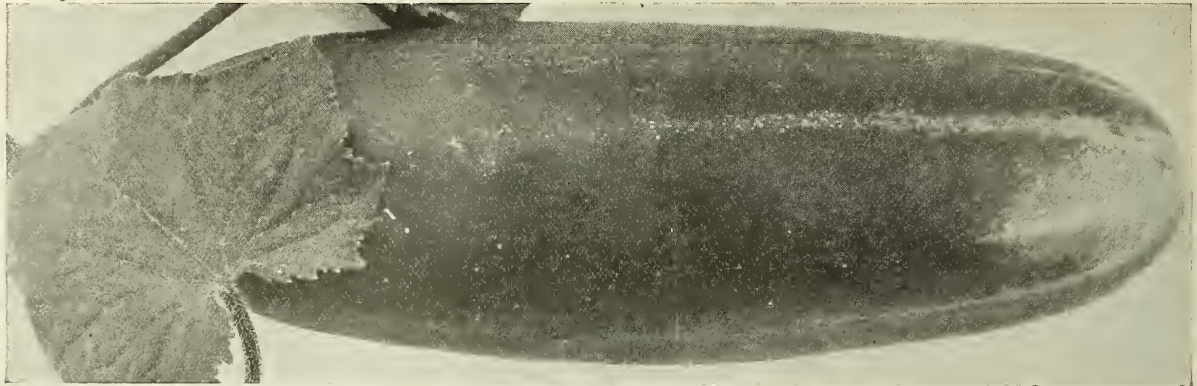
## Water Cress

(Nasturtium officinale)

This variety succeeds only in damp soils on the border of ponds or streams, or where its roots are partially submerged in water. Seed should be sown about a quarter of an inch deep. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25; 1 lb., \$4.50.

For free delivery offers and general instructions regarding orders and shipments see third page of cover.





Improved White Spine Cucumber

## Cucumber

(Cucumis sativus)

German, "Gurken."—French, "Concombre."  
Spanish, "Pepino"

Seed should be started under glass about May 1st, for an early crop in order to have plants ready to set out in the garden 3 or 4 weeks later when the ground has become thoroughly warm. Plant the seed in paper or earthen pots not less than 4 inches in diameter, in berry baskets, or other receptacles which can be handled easily and carried to the field without disturbing the young plants; leave only the 3 or 4 strongest seedlings in each container. Well-rotted manure or fertilizers may be dug into the hills a week or two before planting time. In every good soil the distance between hills should not be less than 4 by 5 feet; in less fertile soils 4 by 4 feet will answer. It is generally safe to plant seed in the garden until late in May; for pickles the middle of June is early enough. Cultivate often, and continue as late in the season as is possible without injuring the plants. Always pick cucumbers before they begin to turn white or yellow. One ounce of seed will plant about 50 hills.

	Pkt.	Oz.	¼ lb.	Lb.
Boston Pickling. Abundant crop of short, dark green fruit.....	\$0.05	\$0.15	\$0.35	\$1.25
Breck's Forcing White Spine. This seed raised from selected specimens by a Massachusetts market gardener and is the best obtainable .....	.50	2.50	6.00	20 00
Cool and Crisp. Extra early, long, straight and slender, dark green color .....	.05	.15	.35	1.25
Cumberland. Very best pickling sort .....	.05	.15	.40	1.50
Davis Perfect. Splendid variety, dark green, 10 to 12 inches.....	.10	.25	.60	2.00
Early Cluster. Grows in clusters. Bluish green color.....	.05	.15	.35	1.25
Early Frame. Medium size. Valuable for both table and pickling. ....	.05	.15	.35	1.25
Early Russian. Earliest variety. About 4 inches long.....	.05	.15	.35	1.25
Everbearing. Medium size, early and productive .....	.05	.15	.35	1.25
Evergreen. Without an equal, quantity and quality considered.....	.05	.15	.40	1.50
Japanese Climbing. Productive, fine quality. Excellent climbing vine. ....	.10	.25	.75	
Long Green Improved. Late, 12 inches long, tender, excellent flavor .....	.05	.15	.35	1.25
Klondike. Medium sized, uniform cucumber, 7 inches long, diameter of about 2 inches when in first class condition for slicing. Color a rich dark green. Highly recommended .....	.05	.15	.40	1.25
West India Gherkin. Short green oval cucumber for pickling.....	.10	.25	.75	

Pkt. Oz. ¼ lb. Lb.

White Spine Improved. General favorite and most popular variety, early, uniform in size, splendid slicing cucumber .....	.05	.10	.35	1.25
White Spine, Arlington. Seeds from selected stock of the Improved White Spine, giving cucumbers of more uniform size and better color. This strain used largely for forcing in the greenhouse.....	.05	.15	.40	1.50

## English Frame Varieties

These are grown chiefly by private gardeners. They attain a length of from 12 to 30 inches, and are of fine quality.

Tender and True, Blue Gown, The Rochford. Each, per pkt., 25c.

## Dandelion

(Taraxacum officinale)

German, "Pardeblum."—French, "Pisse-en-lit."  
Spanish, "Amargon"

When growing in deep rich soil cultivated varieties produce large, tender leaves much superior to those of the wild dandelion, both in size and flavor. Sow seed early in May in shallow drills about a foot apart; later, thin the plants to 6 inches apart in the row, and cultivate to keep down the weeds. If blanched with soil the leaves make excellent salad. The plants may be held over winter by covering with litter, after the ground freezes, but before the advent of severe weather.

Pkt. Oz. ¼ lb. Lb.

American Improved. Large fleshy leaves .....	\$0.10	\$0.50	\$1.75	\$6.00
French Garden .....	.05	.20	.70	2.25
Thick-Leaved French. Large and tender .....	.10	.50	1.75	6.00

## Egg-Plant

(Solanum melongena)

German, "Eierpflanze."—French, "Aubergine."  
Spanish, "Berengena"

(For price of Plants, see Vegetable Plants).

Owing to their extreme tenderness egg-plants should not be set out in the garden much before the middle of June. This vegetable may well be planted in soil heavily manured for some earlier crop such as radishes. Sow in a hot-bed about April first, transplant into another bed, and later shift into 4 or 5 inch pots. In warm, settled weather transfer to the garden, setting the plants 2 by 3, or 3 by 3 feet. Conservation of moisture is important. One ounce of seed will produce about 1000 plants.

Pkt. Oz. ¼ lb. Lb.

Black Beauty. Early, fruit jet black, round in form and very solid....	\$0.10	\$0.50	\$1.75	\$6.00
Early Long Purple. Differing only in shape from the foregoing; hardy and productive.....	.10	.50	1.75	6.00
New York Improved. The leading market variety; excellent and very productive .....	.10	.50	1.75	6.00

For free delivery offers and general instructions regarding orders and shipments see third page of cover.





Hittinger's Belmont Forcing Lettuce

**Endive**

(Cichorium Endiva)

German, "Endivien."—French, "Chicoree."  
Spanish, "Endiva"

Although endive is sown chiefly in the latter part of July for winter use, an early crop may be started in April. Sow in shallow drills a foot apart in rich, moist soil, and later thin the plants to one foot apart. Unless wanted for soups, the leaves should be blanched when 6 or 8 inches long by tying the tops together around the heart with coarse twine or raffia. This should be done only when the plants are dry or they will rot. Moreover, do not blanch the plants faster than they can be used. Blanching usually requires 15 or 20 days. Before freezing weather the plants may be lifted with some earth adhering to the roots, and reset in a cool cellar or shaded cold frame. Stored in this way endive may be preserved well into the winter. One ounce of seed will sow 150 feet of drill.

	Pkt.	Oz.	¼ lb.	Lb.
Broad Leaved (Escarolle). A very sweet variety for fall and winter use .....	\$0.05	\$0.25	\$0.75	\$2.00
Green Curled. The standard sort, suitable for fall and winter.....	.05	.25	.75	2.00
Moss, or Parisian Curled. A small, very beautifully curled sort.....	.05	.25	.75	2.00
White Curled. Grown for early use	.05	.25	.75	2.00

**Florence, or Sweet Fennel**

(Foeniculum dulce)

Fenouil de Florance. Finnochio di Napoli

A delicious Italian vegetable which tastes quite like Celery, but is a little sweeter and more delicate in flavor. The enlarged leaf-bases are usually boiled in preparation for the table.

Sow at intervals in the spring, in rows 18 inches apart. Thin the seedlings to 6 or 8 inches apart in the row, and cultivate frequently. Later, blanch the bottom and stalks by earthing-up like celery. Pkt., 10c; oz., 50c.

**Kale**—See Borecole**Lettuce**

(Lactuca Sativa)

German, "Lattich-Salat."—French, "Laitue."  
Spanish, "Lechuga"

(For price on Lettuce Plants, see page 43).

Lettuce is the most popular of all salad plants, and, at the same time, is one of the easiest to grow due to its comparative freedom from diseases and insects. While all types of lettuce thrive in properly enriched, loose, light loams, they will grow satisfactorily in any good garden soil; heading varieties, particularly, should never be planted in compact heavy soils. A satisfactory way of starting the early crop is to sow in hot beds in March, and transplant to 2 by 2 inches preferably in flats, which may be transferred to cold frames when the plants are strong enough. Plants that have been properly hardened in cold frames may be set out of doors as early as the ground can be prepared; the rows should be made 12 or 15 inches apart, with plants 1 foot apart in the rows. Seed may be sown in the open from the latter part of April until the middle of August.

Most of the Cos varieties will be of finer quality if blanched by tying the tops together with soft twine or roffea when the plants have nearly attained their growth.

Breck's Boston Market, Big Boston and Hittinger's Belmont are especially suitable for growing under glass.

One ounce of seed will produce about 4000 plants.

	Pkt.	Oz.	¼ lb.	Lb.
Big Boston. Suitable for cold frames or open ground.....	\$0.10	\$0.25	\$0.75	\$2.00
Breck's Black Seeded Tennis Ball. Arlington strain. One of the most popular sorts for outdoor cultivation. The heads are tender and compact with outer leaves.....	.10	.40	1.25	4.50
Black Seeded Simpson. A superior variety, large, light colored heads	.05	.15	.30	1.00
Breck's Waban. Early, bronze edge, loose heading, crisp.....	.10	.40	1.00	
May King. Large, solid head, tender, yellow heart .....	.10	.40	1.00	

For free delivery offers and general instructions regarding orders and shipments see third page of cover.



**Lettuce—Continued**

Boston Curled. Esteemed for its Pkt. Oz. ¼ lb. Lh. earliness, beauty and good table qualities .....	\$0.05	\$0.25	\$0.75	\$2.50
Breck's Boston Market. A carefully selected strain of White Seeded Tennis Ball. Grows very compact, and is a most profitable forcing variety .....	.10	.50	1.50	5.00
Early Curled Simpson. Early, forms a compact mass of tender leaves of a yellowish-green color.....	.05	.20	.60	1.50
Early Prize Head. Large heads, dark colored, tender and fine.....	.05	.25	.60	2.00
Grand Rapids Forcing. Large and tender, fine for forcing.....	.10	.25	.75	2.50
Hanson Improved. One of the best outdoor sorts, large, solid, heavy, crisp heads .....	.05	.25	.60	1.50
Hittinger's Belmont. Unsurpassed for greenhouse forcing. Heads are larger than White Seeded Tennis Ball, and a little later; seed is local grown and highly selected..	.10	.50	1.50	5.00
Iceberg. Large, solid heads, handsome, tender and crisp.....	.05	.20	.50	1.25
Mignonette. A variety which forms small, compact heads; excellent for the home garden.....	.05	.30	.75	
Paris White Cos, or Romaine. Very early; requires tying to blanch...	.05	.30	.75	2.00
Salamander. One of the best summer cabbage sorts.....	.05	.20	.50	1.50
Sensation. Excellent for forcing or outdoor culture; it does well during the hot summer months; heads large and solid.....	.05	.20	.60	1.75
Trianon, Self-Closing Cos. The best cos sort, withstands warm weather	.05	.25	.75	2.00
White Seeded Tennis Ball. Large heads; a leading sort.....	.10	.40	1.25	4.50
Lettuce for Birds.....			.10	.30

**Leek**

(Allium porrum)

German, "Lauch."—French, "Poireau."—Spanish, "Puerro"

Sow the seed in moist soil as early in spring as the ground can be prepared. In July cut back the tops severely and transplant the seedlings forthwith, setting them at least 4 inches apart in trenches 5 inches deep and one foot apart. As the plants grow, gradually fill in the trenches.

One ounce of seed will sow 100 feet of drill.

	Pkt.	Oz.	¼ lb.	
Large Flag. A hardy and profitable sort, excellent for winter use.....	\$0.05	\$0.25	\$0.75	
Large Rouen, Winter. Large and of fine flavor. Remains a long time in good condition .....	.05	.30	.75	
Musselburgh or Carentan. The famous Scotch sort, large, hardy and distinct. .	.05	.30	.75	

**Kohl-Rabi (Turnip Rooted Cabbage)**

(Brassica oleracea canlorapa)

German, "Kohl Rabi."—French, "Chou-Rave."

Spanish, "Col de nabo o Nabicol"

This vegetable, the enlarged stems of which are superior to the turnip in flavor, is closely related to cabbage, and no more difficult to grow. Early plants can be started in hot beds in the same manner as cabbage. Seed may be sown in the garden in May, June and July, in shallow drills 18 inches apart; later, thin the plants to 8 inches apart in the row. Kohl-Rabi should be eaten when about 3 inches in diameter, before the flesh becomes woody. One ounce of seed will sow 150 feet of drill.

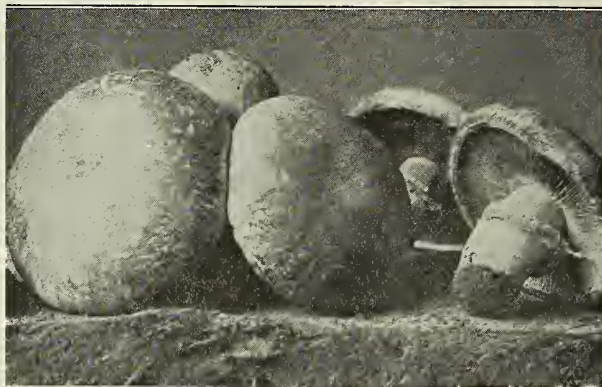
	Pkt.	Oz.	¼ lb.	Lb.
Early White Vienna. Flesh white..	\$0.05	\$0.25	\$0.60	\$2.00
Early Purple Vienna. Differing from the above in color.....	.05	.25	.60	2.00

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

**Mushroom**

(Agaricus campestris)

German, "Champignon."—French, "Champignon."  
Spanish, "Hongo"



Mushrooms may be grown in cellars, sheds, under greenhouse benches, or wherever the temperature will range between 50 and 65 degrees and is fairly uniform. Fresh stable manure, composed of about equal amounts of horsedroppings and straw or litter, is the best material of which to make the beds. Mix three parts of manure with one part of fresh loam. Before this mixture is used it should be piled in heaps about 3 feet high and moistened throughout, but not drenched. Every 4 or 5 days fork the heaps over carefully and tread them down. In from 2 to 3 weeks when the temperature in the heaps has dropped somewhat, the bed should be made. Spread a thin layer of the mixture and tramp or pound it firm; repeat this process until the bed is 10 or 12 inches deep; leave it thus for a few days until the temperature inclined to rise suddenly at first, has declined to about 70 or 75 degrees. Conditions will then be suitable for spawning, which is done by making holes about 3 inches deep and one foot apart each way; into each hole insert a piece of spawn about 1½ inches square and fill in the hole with compost. In about ten days, when the spawn has had time to diffuse itself through the bed, spread a layer of fine loam over the surface to the depth of 1 or 1½ inches. A light mulch of straw will help to conserve moisture. Ordinarily, mushrooms should begin to appear in from six to ten weeks and continue to come for about two months. If the surface of the bed becomes dry, sprinkle it with water at a temperature of about 80 degrees. When the bed is apparently exhausted it may often be stimulated to further production by spreading over it ½ an inch of fresh loam and watering thoroughly, using warm water to which sheep manure has been added at the rate of ½ a pound to 3 gallons.

One brick of Spawn is sufficient for ten square feet of bed.

Pure Culture Spawn can be relied upon to produce mushrooms of a uniform type and color. Its use positively precludes all danger of growing poisonous varieties. The culture with which the bricks are inoculated are taken from carefully selected, prolific mushrooms of the most desirable cream white variety—the sort preferred by connoisseurs. There are two kinds of bricks, Direct and Standard; the former are inoculated directly from an original culture; the latter from a pure culture produced from an original.

All bricks are fresh, being received at frequent intervals from the laboratory.

Mushroom Spawn. Standard American, pure culture bricks. Per brick, 25c; per doz., \$2.50.

Mushroom Spawn. Direct bricks. Per brick, 30c; per doz., \$2.85.

Mushroom Spawn. Genuine French Virgin. Lh., 50c; 100 lbs., \$45.00.

"How to Grow Mushrooms," by Faulkner, the most practical work, \$1.00.

"Mushroom Culture," by Robinson, 50c.





### Muskmelon

(Cucumis melo)

German, "Melone."—French, "Melon."—Spanish, "Melon"

Good muskmelons may be grown in almost any soil if it is skillfully handled; a sandy loam that was heavily manured the previous year for some other crop such as onions, or carrots, is ideal. Begin to prepare the soil early in spring. Late in May, when the ground is warm, plant the seed 1 inch deep in hills 5 or 6 feet apart each way, putting in 8 or 10 seeds per hill. Frequent and shallow cultivation is essential to success. Much trouble with insects is often avoided by starting the plants under glass. Plant the seed in berry baskets, pots or other containers from which the seedlings can be removed easily, and without disturbing the soil about their roots.

Tobacco or plaster dust sprinkled on the plants makes them distasteful to insects. The striped cucumber beetle is perhaps the most destructive pest likely to attack melon vines. One ounce of seed will plant about 50 hills; 2 to 3 pounds, 1 acre.

	Pkt.	Oz.	¼ lb.	Lb.
Bay View Cantaloupe. Large size, green flesh, fine flavor, late.....	\$0.05	\$0.15	\$0.40	\$1.20
Breck's Improved Emerald Gem. Large solid orange flesh.....	.10	.25	.75	
Rocky Ford or Netted Gem. Very popular, flesh light, green color, sweet and delicate flavor.....	.05	.15	.40	1.25
Early Christiana. Green with yellow flesh, an excellent early sort.....	.05	.15	.40	1.25
Emerald Gem. Small but prolific, superior quality .....	.10	.20	.75	1.75
Hackensack. Large, productive and fine flavored .....	.05	.15	.40	1.25
Honey Dew. A large light colored smooth skin melon, weighing eight to ten pounds. Thick flesh; color, light green. Delicious honey-like flavor .....	.10	.50	1.50	
Miller's Cream. Osage type, thick, salmon-colored flesh .....	.10	.20	.50	1.75
Montreal Green Nutmeg. Early, large size, excellent quality.....	.10	.20	.50	1.75
Osage. Light green, netted skin, orange flesh, good quality.....	.10	.20	.50	1.75

### Melons for Forcing

(Improved Varieties)

**Invincible Scarlet.** Form globular, orange-red when ripe, fine flavor. Pkt., 25c.

**Sutton's A-1 Improved.** Scarlet fleshed variety of delicious flavor. Pkt., 25c.

### Melon (Water)

(Citrullus vulgaris)

French, "Melon d'eau."—German, "Wassermelone."  
Spanish, "Sandia"

Watermelons require the same general treatment as muskmelons, but being more tender they should have the best possible exposure. Make hills at least 8 by 8 feet apart. Watermelon seed is usually sown in the open ground. One ounce of seed will plant about 30 hills; 4 pounds, 1 acre.

	Pkt.	Oz.	¼ lb.	Lb.
Black Spanish. Scarlet flesh, thin rind, sugary flavor .....	\$0.05	\$0.10	\$0.25	
Citron. For preserving.....	.05	.10	.25	
Cole's Early. Medium size, red flesh, green skin .....	.05	.10	.25	
Cuban Queen. Round, large, bright red. Hungarian Honey. Very early, round shape, brilliant red flesh.....	.05	.10	.25	
Ice Cream. Medium size, solid, scarlet flesh, fine flavor.....	.10	.20	.60	
Mountain Sweet. One of the best for general culture .....	.05	.10	.25	
Phinney's Early. Standard sort for New England, bright red flesh, sweet and tender .....	.05	.10	.25	
Sweetheart. Very large, fine quality....	.05	.10	.25	
Vick's Early. Early, medium size, oblong form, pink flesh.....	.05	.10	.25	

### Martynia

The seed pods are used for pickling, and should be gathered when green and tender. Although some gardeners prefer to start the plants in hot beds, sowing can be made out of doors late in May.

It is customary to plant several seeds together at 3 foot intervals in rows 3 feet apart. Later thin out so that the plants will stand 3 feet apart each way.

	Pkt.	Oz.	¼ lb.	Lb.
Martynia Proboscidea .....	\$0.05	\$0.30	\$1.00	\$3.50

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Breck's Yellow Globe Danvers Onion

## Onion

(Allium cepa)

Ger., "Zweibel."—Fr., "Oignon."—Spanish, "Cebolla"

The onion requires a very fertile soil for the best development of its bulbs. While muck and peat soils are ideal, sandy loams properly enriched with well-rotted manure furnish excellent conditions. Onions should always be grown on practically level land, or considerable loss may be sustained from washing. As early in spring as the land can be worked, sow seed sparingly in drills 1 foot apart and about  $\frac{1}{2}$  inch deep. Unless the soil is quite moist it should be pressed firmly down on the seed to insure rapid and uniform germination. Weeding and thinning must be done by hand; at the first weeding, thin out to about 8 plants per linear foot of row. Cultivation should be shallow and frequent. When all the tops are yellow the onions are usually pulled and left on the ground, for 10 days or more if the weather is favorable, until the outer skin of the bulbs is dry; after the first three or four days, stir them occasionally with a wooden rake to hasten the process. One ounce of seed will sow 100 feet of drill; from 4 to 5 pounds, 1 acre.

Pkt. Oz.  $\frac{1}{4}$  lb. Lb.

Yellow, Breck's Globe Danvers. This is a home grown pedigree strain that we believe to be superior to any other Yellow Globe obtainable .....	\$0.10	\$0.30	\$1.00	\$3.00
Yellow, Globe. Grown from selected bulbs, a very good type.....	.05	.25	.75	2.50
Yellow, Southport Globe. Handsome and distinct, somewhat late.....	.05	.30	1.00	3.00
Yellow, Early Cracker. Flat shape, early and a good keeper.....	.05	.25	.75	2.50
Yellow, Prizetaker, or Globe Spanish. Large, light yellow.....	.05	.30	1.00	3.00
Red Globe (Southport Strain). The finest large red sort.....	.05	.30	1.00	3.00
Red, Large Wethersfield. Immense yielder, excellent keeper.....	.05	.30	1.00	3.00
Red, Extra Early. Flat shape, deep red, mild flavor.....	.05	.30	1.00	3.00

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Red Italian Tripola. Large size, flat shape, mild flavor.....	.05	.25	.75	2.50
Giant Rocca. Globe shape, light red, very mild flavor.....	.05	.25	.75	2.50
Ailsa Craig Onion. A variety that will grow to enormous size, globular, skin light yellow, flesh white, good keeper; grown largely for exhibition purposes .....	.10	.50	1.25	4.50
White Globe (Southport Strain). Mild flavor, early and large, not a good keeper .....	.10	.30	1.25	4.50
White Italian Tripoli. Large white variety, mild .....	.05	.25	.75	2.50
White Portugal. Large, flat shape, mild flavor, not a good keeper...	.05	.30	1.25	4.00
White Queen. Small, pure white, extra early, fine for pickles.....	.05	.25	.75	2.50
White Mammoth Garganus, or Silver King. Silvery white, large size, mild flavor .....	.05	.30	1.00	3.00

## Mustard

(Brassica)

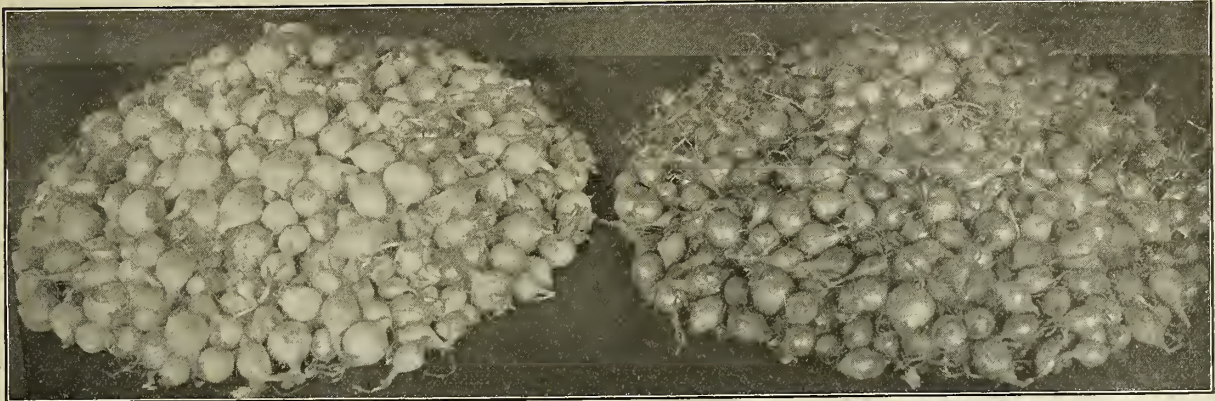
Ger., "Senf."—Fr., "Moutarde."—Spanish, "Mostaza"

Mustard is usually cultivated for salad purposes, but may also be used for greens. Seed may be sown from April to August in shallow drills 12 or 15 inches apart. The leaves should be cut for use when about 2 inches long. One ounce of seed will sow 50 feet of drill.

Pkt. Oz.  $\frac{1}{4}$  lb. Lb.

Brown or Black. More pungent in flavor than white.....	\$0.05	\$0.10	\$0.20	\$0.50
Chinese. Leaves twice the size of the ordinary white mustard, of a deeper green, flavor pleasantly sweet and pungent, and desirable as a salad.....	.05	.15	.30	1.00
White London .....	.05	.10	.20	.50





White Onion Sets

Yellow Onion Sets

**Onion Sets**

(Prices Variable).

The sets should be planted out as early in spring as the ground is dry enough to work; plant them in rows 1 foot apart, with sets 3 or 4 inches apart. When raised from sets the onions can be used in the green state in June, or they will be ripened off by July.

	Qt.	Pk.
Yellow .....	\$0.25	\$1.25
Potato Onions .....	.30	1.50
Top, or Button Onions.....	.25	1.25
White .....	.25	1.50
Shallots .....	.30	1.50
Red .....	.25	1.50
Egyptian or Perennial Tree, for fall planting..		1.00

**Okra, or Gumbo**

(Hibiscus esculentis)

German, "Essbarer."—French, "Gumbo."  
Spanish, "Quibombo"

This warm weather vegetable grows freely in any ordinary garden soil. Its tender young seed-pods are used in soups and stews. About the middle of May, sow seed sparingly in drills 3 feet apart and 2 inches deep; later, thin the plants to 12 or 15 inches apart in the rows. One ounce of seed will sow 50 feet of drill.

	Pkt.	Oz.	¼ lb.	Lb.
Dwarf Green. Early and productive, tender pods .....	\$0.05	\$0.10	\$0.25	\$0.75
Tall Green. Later than the foregoing, an immense cropper, pods extra large and tender.....	.05	.10	.25	.75
White Velvet. Large, creamy-white pods, very tender.....	.05	.10	.25	.75

**Parsley**

(Carum petroselinum)

German, "Petersilie."—French, "Persil."  
Spanish, "Perejil"

Parsley is the most beautiful vegetable grown for garnishing and flavoring purposes. It will thrive in any fertile garden soil; a single row forms an effective edging for beds and walks. Sow early in spring, or at intervals until June, in shallow drills about 1 foot apart; when the plants are 2 inches high, thin out to 6 or 8 inches apart in the row. The seed germinates very slowly, and sometimes three weeks elapse before the seedlings appear. For winter use the plants may be set in protected cold frames. The Turnip-rooted variety should be treated in the same way as Carrots. One ounce of seed will sow about 150 feet of drill.

	Pkt.	Oz.	¼ lb.	Lb.
Breck's Double Green Crest. A splendid sort for frames or open ground.....	\$0.25			
Champion Moss Curled. Leaves beautifully curled, extra fine for garnishing..	.05	.20	.60	
Fern-Leaved. Most exquisite in form and coloring .....	.05	.20	.60	
Hamburg, or Turnip-Rooted. Roots used for flavoring soups.....	.05	.20	.60	

**Parsnip**

German, "Pastinake."—French, "Panais."  
Spanish, "Pastinaca"

Parsnips need a long growing season in order to reach maturity; consequently the seed should be sown early in spring. Any of the lighter types of soil, high in fertility, will grow smooth roots. Sow thickly in drills 15 or 18 inches apart and 1 inch deep; when the plants are well started, thin out to 5 or 6 inches apart in the row. Since parsnips are perfectly hardy, and freezing improves their quality, it is customary to dig in the fall only enough roots for winter use, leaving the balance of the crop in the ground until spring. One ounce of seed will sow about 100 feet of drill; 5 pounds, 1 acre.

	For flavor, Pkt.	Oz.	¼ lb.	Lb.
Breck's Market Garden. texture of flesh, form, smoothness and as a cropper, this variety is without an equal.....	\$0.05	\$0.15	\$0.50	\$1.50
Early Round, or Turnip-Rooted. Suitable for shallow soils, fine cropper and good quality.....	.05	.10	.30	1.00
Hollow Crown. Standard sort, large, good flavor .....	.05	.10	.30	1.00
Long Smooth White. Free from coarse roots, general favorite.....	.05	.10	.30	1.00
Offenham. A new intermediate variety for shallow soils.....	.05	.10	.30	1.00



Ailsa Craig Onion

(For description see page 38)

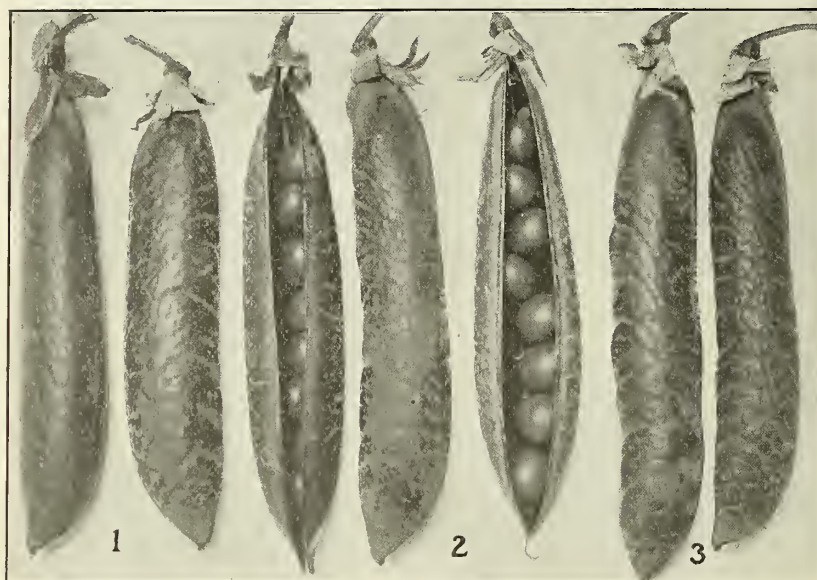
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## PEAS

(Pisum sativum)

German, "Erbse."—French, "Pois."—Spanish, "Chicaros"



1—Gradus

2—Breck's Imp. Telephone

3—Alderman

## EXTRA EARLY

	Pt.	Qt.	Pk.
<b>Pilot.</b> An extra early, round seeded or smooth Pea. Can be planted as soon as ground can be worked. Pods as large as the Gradus. Very prolific, highly recommended as an extra early market sort .....	\$0.25	\$0.45	\$3.00
<b>Pioneer.</b> An improvement on the popular Laxtonian. Vines about 20 inches high; color, light green. Vigorous growth. The pods pointed and a little darker in color than the vine. Considered fully four days earlier than Laxtonian .....	.35	.60	4.00
<b>Laxton Superb.</b> New early Pea which received Award of Merit from English Royal Horticultural Society. A very early, hardy, large podded, almost smooth seeded pea. Vigorous growth, very prolific; even growth of vine; height about 20 inches.....	.35	.60	4.00
<b>Alaska, or Clipper.</b> An extremely early, smooth, blue pea. Vines about 2 feet high; dark green pods, well filled....	.20	.35	2.50
<b>American Wonder.</b> Height 12 to 15 inches. Very early wrinkled pea of fine quality .....	.25	.40	2.50
<b>Breck's Excelsior.</b> The earliest and best, tall-growing smooth pea.....	.20	.35	2.50
<b>Breck's Old Glory.</b> Superior to all other extra early varieties, size, quality, and productivity considered. A favorite market garden sort. Long, dark green pods packed with large slightly wrinkled peas; vines tall growing and vigorous .....	.25	.45	3.00
<b>Clauditt.</b> An early, tall-growing variety of excellent quality. Peas large, deep green, and slightly wrinkled.....	.25	.45	3.00
<b>Gradus, or Prosperity.</b> Deservedly the most popular early variety among both private and market gardeners in this locality. Pods large, pointed and uniform in shape; peas of fine flavor. Vines from 2½ to 3 feet in height....	.30	.50	3.50

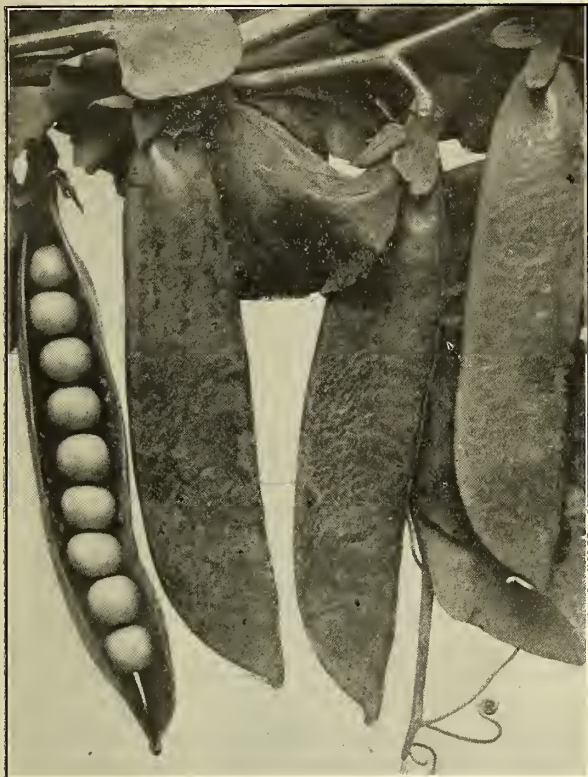
The pea is one of the few vegetables which almost invariably find a place in home gardens. Peas mature earliest in light, fertile loams, but will give good results in any well-prepared garden soil. Sow the smooth sorts as early in spring as the ground can be worked; after that, make successive plantings every ten days until about the middle of June, giving the wrinkled sorts the preference. From the middle to the end of July, when the driest and hottest weather of the season is usually over, plantings of the extra early varieties may again be made with reasonable hope of a crop. Plant in trenches, or wide furrows, 3 or 4 inches deep and from 18 inches to 4 feet apart, according to the height of the variety. Brush, or supports of some kind, should always be provided for the vines of tall growing sorts.

One quart of peas will plant about 100 feet of drill.

We supply all varieties in large packets, price 10c each.

	Pt.	Qt.	Pk.
<b>Laxtonian.</b> One of the best dwarf wrinkled peas for the market gardener. Pods about 4 inches long, resembling those of Gradus, but ripening a little earlier. Vines productive and vigorous; average height less than 18 inches.....	.35	.60	4.00
<b>Little Marvel.</b> An extra early dwarf wrinkled pea, fast becoming popular in this locality. Vines bear a profusion of blunt-ended pods, well filled with large peas of fine quality.....	.25	.45	3.00
<b>Nott's Excelsior.</b> The standard of quality in home gardens. No other dwarf wrinkled pea is as widely planted. Vines of regular habit and about 14 inches high. ....	.25	.45	3.00
<b>Premium Gem.</b> A desirable, early, wrinkled pea. Vines about 15 inches high.....	.20	.35	2.50
<b>Sutton's Excelsior.</b> An early, dwarf, wrinkled pea with exceptionally large pods. Matures as early as Nott's Excelsior and is its equal in quality.....	.25	.45	3.00
<b>Thomas Laxton.</b> This reliable pea is similar in type to Gradus, but has darker foliage and square-ended pods. Although a wrinkled sort of excellent quality, it may be planted about as early as smooth varieties .....	.25	.45	3.00
<b>The Record.</b> A popular large-podded extra early, wrinkled pea which matures several days earlier than the well known Gradus. Its growth is quite similar to that of Gradus but somewhat dwarfer and stouter; pods uniformly large, measuring 4½ to 5 inches, nearly round and packed with handsome wrinkled peas of the finest flavor. The Record is an especially valuable sort for market gardeners because the peas will remain in good condition a remarkably long time after picking.....	.30	.50	3.50





Carter's Daisy, or Dwarf Telephone

## SECOND EARLY

	Pt.	Qt.	Pk.
<b>Abundance.</b> Pods medium in size; peas wrinkled; quality very good. Height about 3 feet.....	.25	.45	3.00
<b>Alderman.</b> One of the most satisfactory varieties for early late main-crop. Pods long, filled with large wrinkled, deep green peas of superior quality. Height 4 to 5 feet.....	.25	.45	3.00
<b>Everbearing.</b> An excellent variety for private growers. Peas large, wrinkled, and of fine flavor. Height 3 feet.....	.25	.45	3.00
<b>Daisy, or Dwarf Telephone.</b> A profuse bearer. Pods large; peas wrinkled, sweet and tender. Height 18 inches....	.25	.45	3.00
<b>Dwarf Champion.</b> A wrinkled pea quite similar to the well-known Champion of England excepting that the vines are only 2 or 2½ feet in height.....	.25	.45	3.00
<b>Duke of Albany, or American Champion.</b> One of the largest varieties; height from 4 to 5 feet. Prolific, each pod containing 6 to 10 extra large wrinkled peas of good quality. A little earlier than Telephone .....	.25	.45	3.00
<b>McLean's Advancer.</b> A dwarf, green, wrinkled marrow of fine flavor. Popular in the vicinity of Boston.....	.25	.45	3.00

## FRENCH PEAS

<b>Petit Pois.</b> "Clamart Hatif." These small, delicate peas are much esteemed in Europe. Slender pods are about 3 inches long, slightly curved, and usually contain from 7 to 9 each. In France the vines grow to a height of 4 or even 5 feet .....	.30	.50	3.00
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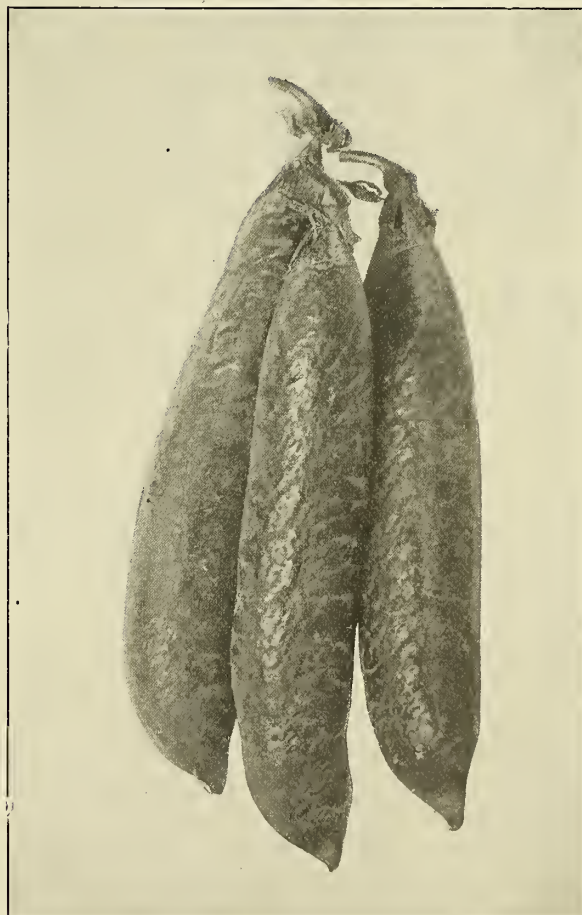
(See Forage Crops for prices on Field Peas, Etc.,  
Page 52.)

Use Farmogerm on Garden Peas before planting. 25c and 50c packages.

## GARDEN PEAS—Continued

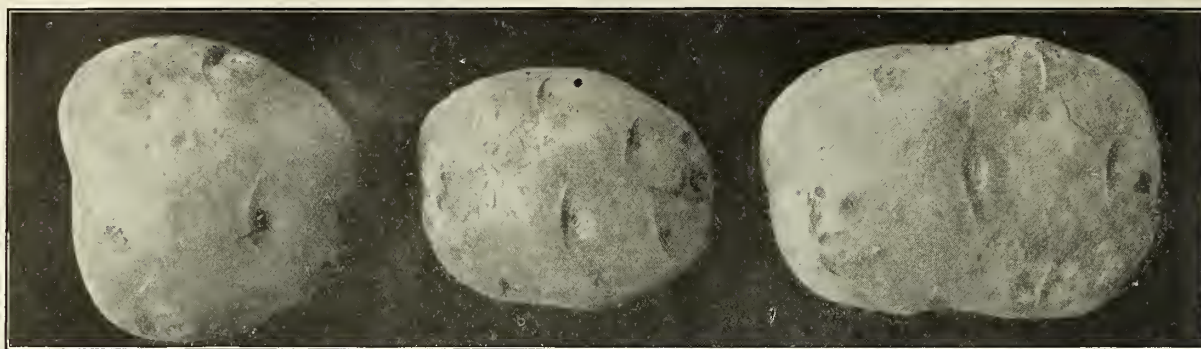
## LATE OR GENERAL CROP

	Pt.	Qt.	Pk.
<b>Admiral Dewey.</b> A splendid, large-podded, wrinkled pea of fine quality. Height 4 feet .....	.25	.45	3.00
<b>Blackeye Marrow.</b> An excellent, old-fashioned smooth-seeded variety. Height about 4 feet.....	.25	.45	3.00
<b>Breck's Improved Telephone.</b> This is a distinct and desirable improvement on ordinary Telephone. It is the result of careful breeding and selection. Notwithstanding their size, these wrinkled peas are sugary, rich and tender. Height 4 feet.....	.30	.50	3.50
<b>Telephone.</b> A vigorous grower; extra large, well-filled pods.....	.25	.40	3.00
<b>Champion of England.</b> An old favorite which bears profusely; peas wrinkled. Few late varieties are its equal in quality. Height about 4 feet.....	.25	.45	3.00
<b>Gladstone.</b> The latest-maturing variety we offer. Large, deep, green, curved pods; peas wrinkled. Height 3½ to 4 feet .....	.20	.35	2.50
<b>Pod Latch, or Improved Stratagem.</b> A large-podded wrinkled pea of fine quality. Vigorous and productive vines about 30 inches high.....	.25	.45	3.00
<b>Yorkshire Hero.</b> Medium sizes, broad pods, well filled with large peas which remain tender for a long time after being picked. A wrinkled marrow of fine quality. Height about 2½ feet.....	.25	.45	3.00



Laxtonian Peas





Irish Cobbler

Early Ohio

Green Mountain

**BRECK'S SEED POTATOES**

(Solanum Tuberosum)

(Prices subject to market changes.)

F. o. b. Boston.

A deep, mellow loam, rich in humus, furnishes ideal conditions for growing Potatoes, but good crops are raised on both heavier and lighter types of soil. Early varieties may be planted as soon as the ground can be prepared. Cut the tubers into pieces the size of hen's eggs; drop a piece of seed every 15 inches in furrows 3 feet apart, and cover to a depth of 3 or 4 inches. Cultivate at intervals of a week or ten days, gradually throwing earth up around the stalks after the plants are 4 inches high. For potatoes, fertilizers are unquestionably better than barnyard manure.

We furnish only Aroostook Grown Potatoes from hill selected seed stock, carefully inspected during growing season, sorted and graded to size.

**EARLY VARIETIES**

		Bbl.	
	Pk.	Bu.	Sack
Irish Cobbler. The most popular and reliable early, white sort. Quite round with deep set eyes. Distinct type.....		165 lb.	
Early Rose. Red skin, standard early variety. An old favorite in New England .....	\$0.85	\$3.00	\$7.00
Early Ohio. A splendid sort, about a week earlier than Early Rose. Red skin, dry, mealy; one of the best for early market .....	.85	3.00	7.00
Early Harvest. Medium size, early white .....	.85	3.00	7.00
Early Norther. Red skin sort, seedling of Early Rose; early and prolific.....	.85	3.00	7.00

**MEDIUM EARLY**

Delaware. Very large, white throughout and extra quality.....	.85	3.00	7.00
New Queen. Medium early, white, mealy texture .....	.85	3.00	7.00
Norcross. Medium early, splendid sort, uniform size .....	.85	3.00	7.00

**LATE VARIETIES**

Beauty of Hebron. A standard sort, pure white skin and flesh, large main crop .....	.85	3.00	7.00
Carmen No. 3. Large, smooth, white....	.85	3.00	7.00
Green Mountain. Large, handsome white potato; main crop; the standard winter variety .....	.85	3.00	7.00
Mill's Prize. A main crop variety; very popular in New Hampshire; white, medium size .....	.85	3.00	7.00

**Sweet Potato Plants**

Plant rooted slips or cuttings the last of May or 1st of June in hills about 5 feet apart and 6 inches above the garden level. Light, rich warm soil is required.

Nansemond. Best sort for New England. Per 100, 75c; add 15c per 100 if wanted by parcel post.

When planting Breck's Seed Potatoes use Mapes Potato Manure and insure a profitable crop.

**Pumpkin**

(Cucurbita)

German, "Kurbis."—French, "Courge."  
Spanish, "Calabaza"

Plant 1 inch deep in hills 8 by 8 feet apart, late in May, in any highly enriched soil that is not clayey. When the plants are beginning to run, remove all but the two strongest from each hill. Farmers find field pumpkins a valuable addition to their stock feed, and commonly grow them in the cornfield, planting a few seeds in every third or fourth hill in alternate rows. One ounce of seed will plant about 30 hills; 4 pounds, 1 acre.

	Pkt.	Oz.	¼ lb.	Lb.
Connecticut Field. Very productive; largely grown for feeding stock.....	\$0.05	\$0.10	\$0.20	\$0.60
Large Cheese, or Kentucky Field. Very productive; grown for both stock and table.....	.05	.20	.60	1.25
Mammoth King. This variety often weighs over 100 pounds.....	.05	.15	.50	1.50
Mammoth Tours. Fruit large, often weighing 100 pounds; shape round, with faintly marked ribs, skin smooth .....	.05	.20	.60	1.50
Quaker Pie. Good keeper, fine for pies .....	.05	.10	.30	1.00
Sweet, or Sugar. Round, small, very sweet; excellent table variety....	.05	.10	.25	.80
Winter Luxury. Fine pie pumpkin, round, color russet-yellow, flesh thick, fine flavor.....	.05	.15	.50	
Pumpkin for Medicinal Purposes...			.10	.30

Highland House & Cottages, E. Hayes Small, Lessee & Mgr.,  
North Truro, Mass.

Joseph Breck & Sons, Corpn.

Gentlemen:—I have already planted my last order of alfalfa which you sent me and it has taken hold nicely.

I realize that the unusual damp season which we are having here is the time to put in alfalfa. I had great success with piece I put in last year and know I am the only one as far down on the Cape having a stand of alfalfa.

July 14, 1916.

(Signed) E. Hayes Small.

For free delivery offers and general instructions regarding orders and shipments see third page of cover.





Sweet Upright Pepper

**Pepper**

(Capsicum annum)

German, "Pfeffer."—French, "Piement."  
Spanish, "Pimiento"

Sow the seed in hot-beds about the middle of March, and transplant the seedlings to 2 by 2 inches apart as soon as they are strong enough. It is an advantage to shift the plants again, two or three weeks later, into pots of proper size. In the latter part of May, when the ground is warm, plant in the garden in rows 2 feet apart, leaving 12 or 14 inches between plants in the row. Peppers should be cultivated in the same way as egg-plants, and will thrive in any well-drained soil.

One ounce of seed will produce about 2000 plants.

	Pkt.	Oz.	¼ lb.
<b>Cayenne, Long Red.</b> The pods of this variety are from 3 to 4 inches in length, cone shaped, and coral red when ripe.	\$0.05	\$0.25	\$0.75
<b>Large Bell, or Bull Nose.</b> Fruit large, an early sweet variety.	.05	.25	.75
<b>Chinese Giant.</b> Grows very large and uniform; as early as Ruby King and very mild	.10	.50	1.75
<b>Neapolitan.</b> Early, large; skin bright red, very mild flavor. Fruit about 4 inches long and 4 to 5 around.	.10	.35	1.00
<b>Pimiento.</b> Desirable for salads or for stuffed Peppers. Medium size, thick flesh, mild flavor	.10	.60	2.00
<b>Red Cherry.</b> Fruit round, very productive and ornamental	.10	.30	.85
<b>Red Chili.</b> Used for pepper sauce; small narrow pods, about 5 inches long; fine flavor	.05	.25	.75
<b>Ruby King.</b> Pods about 5 inches; fine flavor	.10	.35	.85
<b>Squash, or Tomato-Shaped.</b> The kind most generally grown for pickling; an excellent sort	.05	.30	.75

<b>Sweet Mountain, or Mammoth.</b> Similar in shape to the Large Bell, but of much larger size	.10	.30	.85
<b>Sweet Upright.</b> A very desirable medium size sweet pepper. Fruits borne upright on plants, which are small and compact	.05	.30	.80

**Radish**

(Raphanus Sativus)

German, "Rettig," "Radieschen."—French, "Radis," "Rave,"  
"Petit Rave."—Spanish, "Rabano"

Loose, fertile, light loams are to be preferred for radishes; in distinctly clayey soils, the crop not only matures slowly, but the roots are usually rough, ill-shaped and of inferior quality. For a constant supply, sow at intervals of two or three weeks from early April until September. An early crop may be grown in the hot-bed in February. For use during the winter, the roots may be stored in earth in a cool cellar, but should be placed in cold water, for an hour or so, before they appear on the table.

One ounce of seed will sow 100 feet of drill; 10 pounds, one acre.

	Pkt.	Oz.	¼ lb.	Lb.
<b>Turnip, Crimson Giant Forcing.</b> Best of forcing sorts.	\$0.05	\$0.15	\$0.40	\$1.25
<b>Turnip, Early French Scarlet Forcing.</b> The earliest of all.	.05	.10	.25	.80
<b>Turnip, Scarlet Globe.</b> Fine for forcing or open ground.	.05	.10	.25	.80
<b>Turnip, Early Scarlet, White Tipped.</b> Very early	.05	.10	.25	.80
<b>Turnip, Golden Summer.</b> A desirable and mild flavored sort.	.05	.10	.25	.80
<b>Turnip, Large White Summer.</b> Large size, good quality.	.05	.10	.25	.80
<b>Turnip, Rosy Gem.</b> Bright red, tipped white, good quality.	.05	.10	.25	.80
<b>Turnip, Early Deep Scarlet.</b> Very early and crisp.	.05	.10	.25	.80
<b>Olive-Shaped, Deep Scarlet.</b> Quite early, fine for open ground.	.05	.10	.25	.80
<b>Olive-Shaped, French Breakfast.</b> Early, scarlet with white tip.	.05	.10	.25	.80
<b>Olive-Shaped, White.</b> An excellent summer sort	.05	.10	.25	.80
<b>Long, Scarlet Short Top.</b> Long and crisp, fine	.05	.10	.25	.80
<b>Long, Icicle.</b> Pure white, of fine flavor, suitable for forcing.	.05	.10	.25	.80
<b>White Strasburg Summer.</b> The German's favorite, large.	.05	.15	.30	1.00
<b>Giant White Summer Stuttgart.</b> A large white top shaped variety, flesh firm and crisp, high flavor; should be planted in the early summer. Seed we offer has been tested in our trial grounds at Lexington to make sure that it is the summer variety.	.05	.20	.75	2.50
<b>Winter Long Black Spanish.</b> The popular winter sort.	.05	.15	.30	1.00
<b>Winter Round Black Spanish.</b> A fine winter variety	.05	.15	.30	1.00

**Rhubarb**

(Rheum Rapaoticum)

German, "Rhabarber."—French, "Rhubarbe."—Spanish, "Rhubarbo Bastardo"

(For price of Rhubarb Roots see Vegetable Plants.)

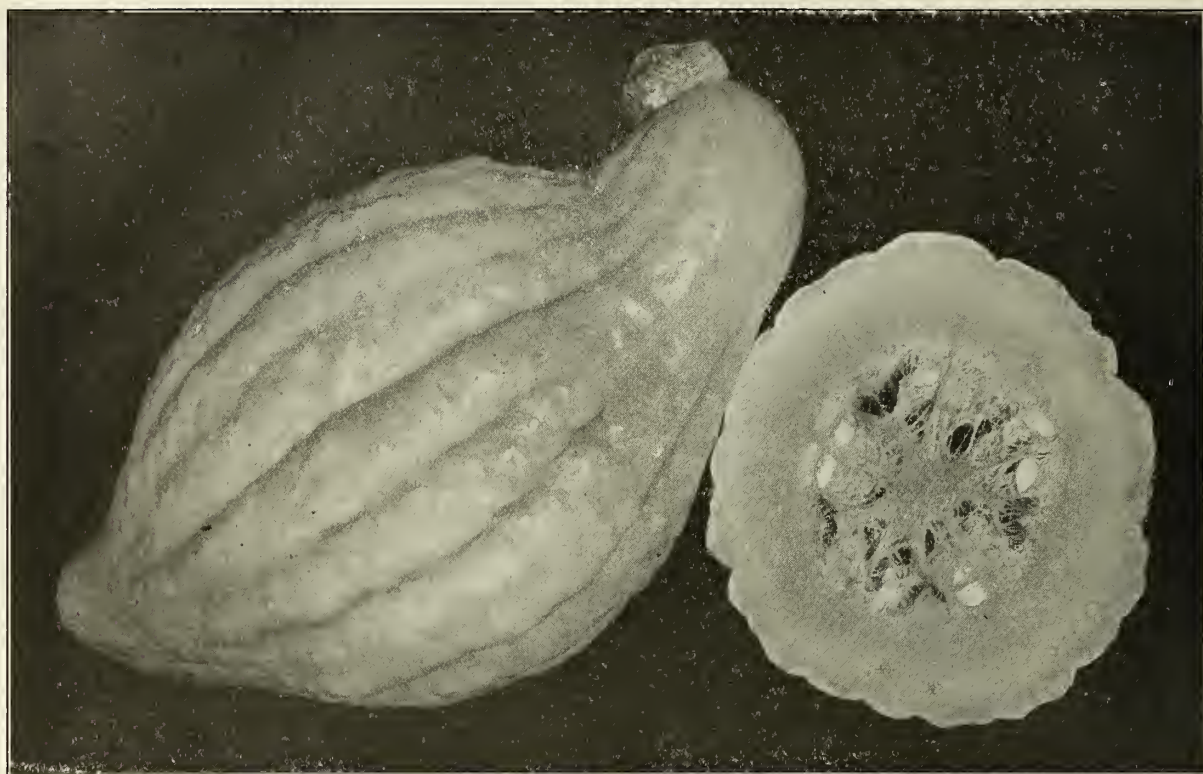
Seed may be sown early in spring in shallow drills one foot apart; when the plants are 3 or 4 inches high, thin to about a foot apart in the rows. In the fall, or preferably the following spring, transplant into deep, rich soil, setting the plants about 3 by 3 feet apart. If propagated by dividing the roots, the work may be done either in spring or fall.

One ounce of seed will sow 100 feet of drill.

**Linnaeus.** Early, large and tender. Pkt., 5c; oz., 25c; ¼ lb., 75c.

**Victoria.** Very large, later than Linnaeus. Pkt., 5c; oz., 25c; ¼ lb., 75c.





Breck's Selected Blue Hubbard Squash

**SQUASH**

(Cucurbita Pepo and C. maxima)

German, "Kurbiss."—French, "Courge."—Spanish, "Calabaza Tontanera"

Squash seed should not be planted until the ground has become thoroughly warm and the weather is settled. A rich, warm, mellow soil is conducive to high yields and early maturity, but squashes grow satisfactorily in almost any well-drained soil. If possible, enrich each hill with one or two forkfuls of rotted manure. For bush types, the hills should be at least 4 x 4 feet apart; for the running varieties, 10 x 10 feet. It is customary to plant 8 or 10 seeds in each hill, and thin out, later, to two or three strong plants. During the early stages of growth keep the plants well sprinkled with tobacco or plaster dust to make them distasteful to insects; the way to deal with the squash vine borer is to cover the joints with an inch or two of soil so that secondary roots may develop.

**Bush Varieties**

One ounce of seed will plant about 30 hills.

	Pkt.	Oz.	¼ lb.	Lb.
Giant Summer Crookneck. Yellow				
fruit, large and good.....	\$0.05	\$0.10	\$0.30	\$1.00
Golden Summer Crookneck. Earlier				
than the Giant Crookneck, about				
12 inches long, hard shell when				
ripe, color bright yellow.....	.05	.10	.30	1.00
Golden Custard. An improved and				
larger yellow bush.....	.05	.10	.30	1.00
Mammoth White Bush. The best				
for early use.....	.05	.10	.30	1.00
Vegetable Marrow. A favorite Eng-				
lish sort, distinct, flesh white...	.05	.15	.40	1.50
Yellow Bush Scallop. A summer sort	.05	.10	.30	1.00
Boston Greek. Summer variety, col-				
or dark green, shape oblong. For				
complete discription see Novelty				
Section .....	.10	.50	1.75	6.00

**Running Varieties**

One ounce of seed will plant 15 hills.

Bay State. Style of Essex Hybrid,				
color blue, good for fall and win-				
ter .....	.05	.15	.40	1.25
Boston Marrow. Follows the sum-				
mer sorts in season, a good fall				
and winter sort.....	.05	.10	.30	1.00
Early Prolific Marrow, or Orange				
Marrow. Early, distinct, good,				
suitable for fall or winter use....	.05	.10	.25	.80
Essex Hybrid. A hard shell Turban,				
fine for winter.....	.05	.15	.30	1.00

Delicious. A medium sized, fall and winter squash with thick fine-grained yellow flesh. Skin usually uniform dark green, hut occasionally lighter and somewhat mottled. Many people consider this variety superior to the Hubbard in dryness, sweetness and flavor.

Hubbard. Deservedly the most popular variety of winter squash in all parts of this country. Its orange-yellow flesh is always rich in flavor, sweet and dry. Vines strong and productive. The dark green oblong squashes of our superior strain often weigh from 10 to 25 pounds each.....

Hubbard, Golden or Red. A grand keeper .....

Hubbard, Mammoth Warted. Large, covered with warts, keeps well, fine quality .....

Blue Hubbard. Hard shell, thick meat. Dry and fine quality, favorite winter sort for Boston Market in shape .....

Marblehead. Light blue, very productive and a fine keeper; oblong in shape .....

Warren. An improved Essex Hybrid, but of deeper orange color and harder shell.....

Pkt. Oz. ¼ lb. Lb.

.10 .20 .60 2.00

.05 .15 .40 1.25

.05 .15 .40 1.25

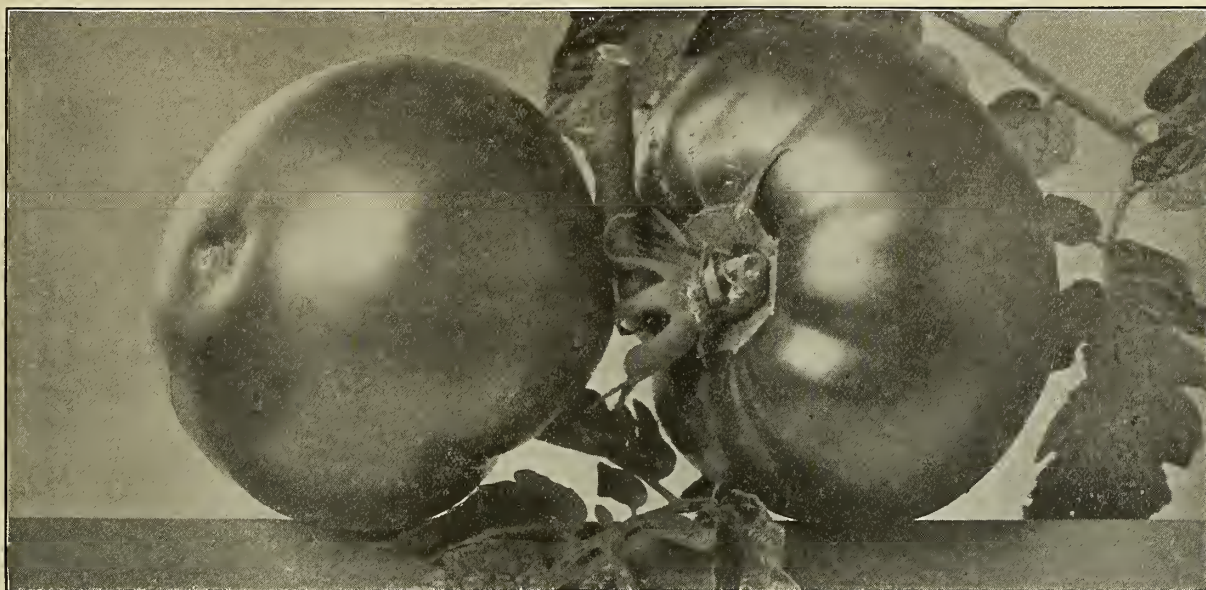
.05 .15 .40 1.25

.10 .25 1.00 3.00

.05 .15 .40 1.25

.05 .15 .50 1.50





Breck's Belmont Tomato

## Salsify, or Oyster Plant

(Tragopogon porrifolius)

German, "Boksbart."—French, "Salsifis."

Spanish, "Ostra Vegetal"

The demand for this vegetable is increasing from year to year, but as yet its good qualities are not widely known. In preparation for the table the roots are usually fried, boiled or stewed, but may be sliced raw for salad purposes.

The methods suggested for growing and keeping Parsnips apply equally well to this crop.

One ounce of seed will sow 50 feet of drill.

**Breck's Improved Long White.** Roots of Pkt. Oz. ¼ lb. medium size, white and smooth.....\$0.10 \$0.25 \$0.75  
**Mammoth Sandwich Island.** Twice as large as the preceding, and of fine quality ..... .10 .25 .75

## Scorzonera, or Black Salsify

(Scorzonera Hispanica)

This vegetable should be cultivated in the same manner as salsify, but being a little more difficult to raise, is rarely grown except by private gardeners. Though the roots have black skins, the flesh is white and very tender. Scorzonera may be cooked in the same ways as Salsify, and many people consider it superior in flavor. Pkt. 10c; oz., 50c.

## Tobacco

**Connecticut Seed Leaf.** Best adapted to Pkt. Oz. Lb. the climate of the Northern and Middle States .....\$0.05 \$0.25 \$2.00  
**Havana.** Imported seed..... .10 .30 3.50

## Tomato

(Lycopersicum esculentum)

German, "Liebsapfel."—French, "Tomate."

Spanish, "Tomate"

(For Tomato Plants, see Vegetable Plants.)

Sow the seed sparingly about the middle of March, in drills ¼ of an inch deep and 2 inches apart, in a hot-bed, or sunny window where the temperature will not fall below 65 degrees. When the seedlings are two inches high, they should be transplanted to 3 inches apart each way in other flats of soil 3 inches deep, in which they may remain until time for planting in the garden. If a very early crop is desired, transplant again three weeks later, preferably into 4-inch pots of very rich soil. About the first of June the plants may be set in the open

ground. A heavy soil is conducive to high yields but the crop matures much earlier on fertile, sandy loams; in the former, set the plants four feet apart each way; in the latter, 3 by 3 feet will give ample space.

One ounce of seed will produce about 2000 plants.

**Breck's Belmont.** The best early Pkt. Oz. ¼ lb. Lb. either for forcing or open ground cultivation, fruit bright scarlet, with few seeds, finely flavored and solid .....\$0.10 \$0.35 \$1.00 \$3.50  
**Chalk's Early Jewel Tomato.** Extra early, bright red, fine flavor and very productive ..... .10 .30 1.00 3.50  
**Dwarf Champion.** Dwarf and strong habit of growth, very solid and of extra quality ..... .05 .30 1.00 3.00  
**Dwarf Stone Tomato.** The largest dwarf growing sort. Fruit bright scarlet ..... .05 .30 1.00 3.50  
**Earliana.** Earliest and best bright red tomato, smooth and firm..... .05 .30 1.00 3.50  
**Golden Queen.** Good size and quality, bright yellow color..... .10 .30 1.00 3.00  
**June Pink.** A very early market sort, smooth and of bright pink color ..... .10 .30 1.00 3.50  
**Perfection.** Large and early, thick meat, few seeds, blood-red color. .05 .25 .60 2.00  
**Stokes' Bonny Best.** Very early, a vigorous grower, and prolific..... .10 .30 1.00 3.50  
**Stone.** Very smooth, solid, thick, flesh bright scarlet color..... .05 .25 .60 2.00  
**Pear-Shaped Red.** Fruit handsome and solid, fine for preserves.... .10 .30 1.00  
**Plum-Shaped Yellow.** Uniform shape, bright yellow, used for pickles ..... .10 .30 1.00  
**Red Cherry.** A small, early variety, used for pickling..... .10 .30 1.00  
**Stirling Castle.** Excellent for forcing, medium size, scarlet in color .10 .50 1.50  
**The Comet.** Splendid for forcing, very prolific ..... .10 .50 1.50  
**Strawberry, or Winter Cherry (Phyllis Alkekengi).** The fruit grows in a husk and will keep all winter. It has a pleasant strawberry-like flavor. It is much used for preserving, also for sauce..... .10 .40 1.25  
**Yellow Cherry.** Similar to Red Cherry except in color..... .10 .30 1.00

For free delivery offers and general instructions regarding orders and shipments see third page of cover.





American Improved Ruta Baga

**Turnip**

(Brassica rapa)

German, "Steckrube."—French, "Navet."  
Spanish, "Navo Comun"

Turnip seed may be sown at all seasons from April until the middle of August in our climate; but the roots will be of finer quality if seed is sown early in spring for the summer crop, and about August first for the fall and winter crop. A light soil, well-manured the previous year, furnishes ideal conditions; no manure should be applied at the time of sowing, unless it be well rotted compost, or the turnips are apt to be strong flavored, or bitter. The ground should be dug or plowed deep, and made mellow and fine. Sow the seed in drills  $\frac{1}{2}$  inch deep and from 12 to 18 inches apart, dropping one good seed to every inch of furrow. Plants of the early varieties should be thinned to about 3 inches apart, while those of the larger late varieties should not be left closer than 5 inches apart in the row. Cultivate often, and keep the crop free from weeds. The Ruta Baga sorts, which are generally grown for winter use, may be sown from the 20th of June to the middle of July. For stock feeding, the late crop is often sown broadcast on well-prepared soil and raked in lightly.

One ounce of seed will sow 150 feet of drill; two pounds, one acre in drills. From 1 to  $1\frac{1}{2}$  pounds will sow one acre broadcast.

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
Early Snowball. Small and of quick growth, pure white.....	\$0.05	\$0.10	\$0.20	\$0.60
Golden Ball. A small, golden-yellow variety, unsurpassed for table use	.05	.10	.20	.60
Long White or Cow Horn. Flesh white, fine-grained and sweet, and of excellent quality.....	.05	.10	.20	.60
Purple-Top Munich. One of the best earlies, good form and quality....	.05	.10	.30	1.00
Purple-Top White Globe. Round, handsome, of superior quality....	.05	.10	.20	.75
Purple-Top Milan. Earliest of the flat Red-Tops; small, strappd leaves, white, tender flesh.....	.10	.15	.30	1.00
Red, or Purple-Top Strap Leaf. The best of the flat turnips.....	.05	.10	.20	.60
White Egg. A handsome egg-shaped white variety, grows large.....	.05	.15	.25	.75
White Top Milan. The earliest of all turnips, very mild flavor.....	.10	.15	.40	1.25
White Norfolk. One of the best late varieties for stock.....	.05	.10	.20	.60
White-Top Strap Leaf. Like Red-Top variety, but not so popular.....	.05	.10	.20	.60

	Pkt.	Oz.	$\frac{1}{4}$ lb.	Lb.
White Flat Dutch. An excellent early sort .....	.05	.10	.20	.50
Yellow Aberdeen. Very hardy and productive; good for stock and table; keeps well.....	.05	.10	.20	.75
Yellow Stone or Globe. Of medium size, excellent flavor; yellow.....	.05	.10	.20	.75

**Ruta Baga, or Swedish Turnip**

Budlong Swede. Choice strain, white.	\$0.05	\$0.10	\$0.20	\$0.75
Improved American. Flesh yellow, solid, sweet and fine flavor.....	.05	.10	.20	.75
Shamrock. A globe-shaped, very hardy, fine-grained, yellow.....	.05	.10	.20	.75
Skirving's Purple-Top. Large, yellow, firm flesh, sweet, good keeper	.05	.10	.20	.75
St. Andrew's. A yellow flesh variety of excellent quality.....	.05	.10	.20	.75
Sweet German. Pure white, very solid, sweet, mild, well flavored...	.05	.10	.20	.75
White French. Excellent for table or stock. Firm, white and solid..	.05	.10	.20	.75

**Spinach**

(Spinacea oleracea)

German, "Spinat."—French, "Epinard."—Spanish, "Espinaca"

Spinach thrives in rich soil, and may be planted as soon as the ground can be prepared in spring. Sow the seed in drills one inch deep and 12 or 15 inches apart. The main crop, for spring consumption, is sown in late August or September, the plants being protected during the winter by a covering of straw or litter. A single sowing of New Zealand Spinach will supply greens of excellent quality throughout the summer; plant the seed, 3 or 4 in a hill, in hills 3 feet apart each way. Seeds of this variety are enclosed in very hard shells and should be soaked in hot water before sowing.

One ounce of seed will sow 50 feet of drill;  
12 pounds, one acre.

Long Standing. Leaves thick and large; best for spring sowing...	\$0.05	\$0.15	\$0.30	\$1.00
New Zealand (Tetragonia expansa). A distinct, spreading plant, very productive .....	.05	.15	.30	1.00
Giant. Round, thick leaved.....	.05	.15	.30	1.00
Prickly, or Winter. Recommended for fall sowing.....	.05	.15	.30	1.00
Monstrous Viroflay. Large, thick, dark green leaves.....	.05	.15	.30	1.00
Bloomsdale or Savoy-Leaved. Large curled and wrinkled leaves.....	.05	.15	.30	1.00
Victoria. Very dark colored leaves, fine variety for spring sowing, later than Long Standing.....	.05	.15	.30	1.00



Victoria Spinach

For free delivery offers and general instructions regarding orders and shipments see third page of cover.



**Sweet, Pot and Medicinal Herbs**

Herbs are all of easy cultivation. Sow the seed early in May.

	Pkt.	Oz.
Anise ( <i>Pimpinella anisum</i> ). Annual.....	\$0.05	\$0.10
Arnica ( <i>Arnica montana</i> ). Perennial.....	.10	1.00
Balm ( <i>Melissa officinalis</i> ). Perennial.....	.05	.30
Basil, Sweet ( <i>Ocimum basilicum</i> ). Annual....	.05	.15
Borage ( <i>Borago officinalis</i> ). Annual.....	.05	.20
Caraway ( <i>Carum carui</i> ). Perennial.....	.05	.15
Catnip ( <i>Nepeta cataria</i> ). Perennial.....	.10	.40
Coriander ( <i>Coriandrum sativum</i> ). Annual....	.05	.15
Dill ( <i>Anethum graveolens</i> ). Annual.....	.05	.50
Fennell ( <i>Foeniculum officinale</i> ). Perennial....	.05	.15
Hop Vine ( <i>Humulus Lupulus</i> ). Perennial.....	.10	1.00
Horehound ( <i>Marrubium vulgare</i> ). Perennial...	.05	.20
Hyssop ( <i>Hyssopus officinalis</i> ). Perennial....	.05	.30
Lavender ( <i>Lavandula vera</i> ). Perennial.....	.05	.30
Lovage ( <i>Levisticum officinalis</i> ). Perennial....	.10	1.00
Marjoram, Sweet ( <i>Origanum Majorana</i> ). Perennial .....	.05	.30
Mint ( <i>Mentha piperita</i> ). Perennial.....	.25	3.00
Pennyroyal ( <i>Hedeoma pulegioides</i> ). Annual..	.10	.60
Rosemary ( <i>Rosmarinus officinalis</i> ). Perennial.	.10	.60
Rue ( <i>Ruta graveolens</i> ). Perennial.....	.10	.60
Saffron ( <i>Carthamus tinctorius</i> ). Annual.....	.05	.30
Sage ( <i>Salvia officinalis</i> ). Perennial.....	.05	.30
Savory, Summer ( <i>Satureia hortensis</i> ). Annual.	.05	.30
Savory, Winter ( <i>Satureia montana</i> ). Perennial.	.05	.30
Sorrel, Broad-leaved ( <i>Rumex Patientia</i> ). Perennial .....	.10	.60
Tansy ( <i>Tanacetum vulgare</i> ). Perennial.....	.10	.50
Thyme, Broad-leaved ( <i>Thymus vulgaris</i> ). Perennial .....	.10	.80
Wormwood ( <i>Artemisia Absinthium</i> ). Perennial	.05	.50

**Seeds Used for Flavoring, Etc.**

(Prices subject to market changes—Bulk Prices quoted on application.)

	Oz.
Anise .....	\$0.10
Cummin .....	.10
Coriander .....	.10
Celery .....	.10
Caraway .....	.10
Dill .....	.10
Fennell, Sweet .....	.10
Medicinal Pumpkin .....	
Medicinal Asparagus .....	.10
Flax (Whole) Recleaned. Lb., 10c; 100 lbs., \$8.00.	

**Bird Seeds**

For Feeding; not for Seed.

(All f. o. b. Boston. Prices subject to change without notice.)

Canary, Best Recleaned. Lb., 12c; 100 lbs., \$10.00.	
Hemp Seed, Recleaned Russian. Lb., 8c; 100 lbs., \$7.00.	
Rape, German. Lb., 12c; 100 lbs., \$10.00.	
Rape, English. Lb., 12c; 100 lbs., \$10.00.	
Mixed Bird Seed, bulk. Lb., 12c; 100 lbs., \$10.00.	
Breck's Choice Mixed Bird Seed in packages packed by us, only the very best recleaned seed used. Pkg., 15c; doz., \$1.50.	
Lettuce, for Birds (for feed only). Lb., 30c; 100 lbs., \$15.00.	
Blue Maw or Poppy. Lb., 50c; 100 lbs., \$40.00.	
Rice Unhulled or Paddy. Lb., 12c; 100 lbs., \$10.00.	
Millet, Golden (for feeding). Lb., 8c; 100 lbs., \$6.00.	
Millet, White French. Lb., 20c; 100 lbs., \$18.00.	
McAllister's Mocking Bird Food, in bulk. Lb., 25c; 100 lbs., \$20.00.	
McAllister's Mocking Bird Food, in bottles. 35c ea.; doz., \$3.50.	
Shepherd's Song Restorer, in bottles. Each, 25c; doz., \$2.75.	

Gravel for Cages. Pkg., 10c; bu., \$1.50.  
Cattle Fish Bone. Lb., 60c.  
Striped Sunflower Seed. Lb., 10c; 100 lbs., \$8.00.  
Kaffir Corn for Pigeons. 100 lbs., \$2.50

**Old Homestead Popcorn**

For Corn Balls, Candied Popcorn and Nuggets the Old Homestead will be found superior. Per 1-lb. pkg., 10c; per case of 24 pkgs., \$1.70 net.

**Popcorn on Cob, or Shelled**

Thoroughly cured, and in excellent condition for popping. Per lb., 10c; per 100 lbs., \$7.00 net.

**Vegetable Plants and Roots**

All are especially grown for our trade from choicest strains of seed. We shall be pleased to quote special prices to Large Buyers.

ASPARAGUS ROOTS	100	1000
Colossal, two year old roots.....	\$1.00	\$7.00
The Hub, two year old roots.....	1.25	10.00
Palmetto, two year old roots.....	1.00	7.00

**CABBAGE PLANTS**

From hot-beds, ready about first week in April.

	Doz.	100	1000
Early Jersey Wakefield.....	\$0.20	\$1.00	\$8.00
Henderson's Summer .....	.20	1.00	8.00
Stone Mason .....	.20	1.00	8.00
Fottler's Brunswick .....	.20	1.00	8.00

For Winter Crop, ready July 1st.

Savoy American Improved.....	.75	6.00
Fottler's Brunswick .....	.75	6.00
Stone Mason .....	.75	6.00

CAULIFLOWER	Doz.	100	1000
Breck's White Bouquet.....	\$0.25	\$1.50	\$12.00
Snowball .....	.25	1.50	12.00

CELERY PLANTS	Doz.	100	1000
Boston Market .....	\$0.20	\$1.00	\$7.50
Golden Self-Blanching .....	.20	1.00	7.50
Giant Pascal .....	.20	1.00	7.50
White Plume .....	.20	1.00	7.50

**CHIVES**

Used for flavoring soups, etc., each, 15c; doz., \$1.50.

EGG PLANTS	Doz.	100
New York Improved.....	\$1.00	\$6.00
Black Pekin .....	1.00	6.00

**TARRAGON PLANTS**

Each .....	\$0.30
Per dozen .....	3.00

**HORSE RADISH SETS**

	Doz.	100
Common .....	\$0.25	\$0.60

Maliner Kren. The famous Bohemian variety, growing in popularity here and recommended for the home garden.....

LETTUCE PLANTS	Doz.	100
Boston Market Head.....	\$0.20	\$0.75
Early Curled Simpson.....	.20	.75

**PEPPER PLANTS**

Large Bell, or Bull Nose.....	\$0.20	\$1.75
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**RHUBARB ROOTS**

Each .....	\$0.20
Per dozen .....	2.00

SWEET POTATO PLANTS	100	1000
Nansemond .....	\$0.75	\$6.00

**TOMATO PLANTS**

	Doz.	100
Breck's Belmont .....	\$0.30	\$2.25
Acme .....	.30	2.25
Paragon .....	.30	2.25
Dwarf Champion .....	.30	2.25
Livingstone's Stone .....	.30	2.25



For free delivery offers and general instructions regarding orders and shipments see third page of cover.



# AGRICULTURAL GRAINS

(Prices subject to market changes).



## Breck's King Oats

A close or cluster headed variety. Our 1916 crop was grown in Northern Montana on irrigated land; thus insuring seed free from fungus diseases, bright colored, large size, strong germination, and weighing over forty pounds to the measured bushel, an exceptionally fine crop grown especially for seed purposes.

Breck's King Seed Oats have given satisfaction during the past ten years and we can highly recommend seed stock just secured.

Plant King Oats and secure a good yield of heavy grain and a crop of stout, straight, clean straw.

Price, \$1.50 per bu. of 32 lbs.; 10 bu. lots and over @ \$1.25 per bushel.

## Breck's Alberta Prolific Seed Oats

This popular Canadian Seed Oat is an early ripening variety, close or cluster headed, straw of strong, heavy, sturdy growth, regarded in the western states and in the Canadian northwest, particularly in the province of Alberta, as one of the earliest and most prolific varieties. We have secured for our 1917 seed stock a choice stock of exceptionally bright color, grain plump, clean and of uniform grade, weighing 40 to 43 lbs. and more to the measured bushel. Price per bushel of 32 lbs. \$1.50; 10 bushels and over \$1.25; f. o. b. Boston, bags extra at value. (Seed shipped 3 bushels to the bag if required).

## White Montana Oats

A short seeded variety, grain bright colored, heavy, close headed, tall growing. Our seed stock grown on the irrigated farms of northern Montana, where on account of total lack of rain during harvesting season, can be obtained oats of strong germination, free from rust or smut. Our stock has been carefully re-cleaned to take out all foreign seeds except now and then a trace of wheat. Price per bushel of 32 lbs., \$1.40; 10 bushels and over \$1.20 a bushel, f. o. b. Boston. (This stock will weigh nearly 45 lbs. to the measured bushel and can be shipped 3 bushels to the bag).

Samples of both the above sent on request.

Wild Rice (*Zizania aquatica*). Price quoted on application. Not kept in stock. Seed must be kept moist until sown.

## Buckwheat

	bu.
Silver Hulled .....	3.00
Japanese. Enormously productive.....	3.00

## MARQUIS SPRING WHEAT

A variety produced by scientific cross breeding of the old Calcutta and the frost-resisting Red Fyfe variety. First introduced by the Central Experiment Station in Ottawa, Canada, and has since rapidly displaced many other varieties in the North West and in Canada. In appearance Marquis Wheat is similar to Red Fyfe, but the heads as a rule are heavier and the stalks shorter, making it less likely to lodge. The kernel is flinty, a little darker red and more plump than Fyfe. It is beardless having smooth yellow chaff, but its most valuable feature lies in its earliness as it matures a week or ten days earlier than Red Fyfe. Thrashing reports from the North West, indicate yields of 40 to 50 bushels per acre, weight 64 to 66 lbs. per measured bushel, and they report it to be of the highest milling quality. Not in many years has such a valuable variety been introduced. Our stock is strictly Canadian grown and of the highest purity and germination. Farmers who planted Marquis Wheat in New England last season had most satisfactory returns.

Price, qt., 25c; pk., \$1.00; bu., \$3.50.

bu.

Fyfe. A red, beardless wheat, with long smooth heads well covered with chaff; straw stiff, bright colored. Grain very hard, of a dull, reddish color. Very suitable for New England..... 3.00

## Winter Wheat

Dawson's Golden Chaff. One of the hardiest wheats we know of; heads bald, color of grain white (inclined to light amber), straw of medium length.. 3.50

## Barley

Two-Rowed .....	2.50
Four or Six-Rowed.....	2.25
Success Beardless. A six-rowed variety that is practically free from the poisonous beard. It is early, hardy, large grained, strong of straw; productive	2.50

## Rye

To prevent disappointment, we offer only selected rye for seed purposes.

Spring. Per bu.....	\$3.00	Winter.....	\$3.00
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For free delivery offers and general instructions regarding orders and shipments see third page of cover.



## FIELD CORN

Prices subject to market changes. Customers pay transportation charges on all varieties. Quotations on large quantities. Bags as per schedule on third page of cover.

Our seed corn grown for us under contract and especially for seed purposes. We wish to call particular attention to our fine stock of Improved Leaming and also Virginian grown Eureka Ensilage. Stock of both the above are extra choice this year.

**Breck's Mondamin.** The earliest and best Yellow flint variety; eight-rowed ears, well-filled to the tips. For complete description see page 24. 25c qt.; \$1.25 per pk.; \$4.00 a bu.

**Breck's Angel of Midnight.** One of the earliest Yellow Flint varieties, of the early Canada type. Ears long, with comparatively deep kernels. 20c qt.; \$1.00 per pk.; \$3.00 bu.

**Brewer's Yellow Dent.** This variety originated in New England and is unquestionably the best strain of dent corn to grow for grain in the latitude of Boston; it is also valuable for ensilage. The stalks average from ten to twelve feet in height; the ears have about twenty rows of closely-packed kernels. At the National Corn Exposition at Omaha this strain, with 133 1/3 bushels, took first prize for the largest yield of shelled corn from a measured acre. Our seed is strictly New England grown. 15c qt.; \$1.00 pk.; \$3.00 bu.

**Blunt's Prolific.** A leafy, eight-rowed, white dent corn, desirable for ensilage. 15c qt.; 75c pk.; \$2.00 bu.

**Early Yellow Canada.** An extra early eight-rowed flint variety with large kernels and small cobs. Ears of medium size. A popular variety in Northern New England. 15c qt.; 75c pk.; \$3.00 bu.

**Early Sanford.** A popular white flint variety, equally valuable for ensilage or grinding. The eight-rowed ears average from 9 to 10 inches in length and have broad cream-white kernels. 15c qt.; 75c pk.; \$2.25 bu.

**Eureka Ensilage.** One of the most popular White Dent varieties among dairymen. It is enormously productive of both foliage and ears. Our Virginian grown seed has given great satisfaction throughout New England. 15c qt.; 75c pk.; \$2.50 bu.

**Improved Leaming.** A yellow dent variety very valuable for ensilage. The plants are tall with a large amount of foliage. Each stalk usually produces two good long ears with small red cobs, well filled with large, deep, golden kernels. 15c qt.; 75c pk.; \$2.50 bu.

**Longfellow.** The variety most widely grown in New England. An early eight-rowed flint corn with long ears and comparatively small cobs, filled to the tips with large, broad kernels. 15c qt.; \$1.00 pk.; \$3.00 bu.

**Pride of the North.** An exceptionally early dent variety. Stalks of medium height with broad leaves. The ears, which average 7 or 8 inches in length, have from 12 to 16 rows. Grains long and deep yellow, making meal of extra good quality. 15c qt.; 60c pk.; \$2.50 bu.

**Red Cob Ensilage.** A red-cobbed, white dent corn with heavy foliage; popular among dairymen in northern New England. 15c qt.; 60c pk.; \$2.00 bu.

**White Southern.** A tall growing dent variety with leafy stalks; valuable for ensilage and fodder. 15c qt.; 75c pk.; \$2.50 bu.

**Sweet Fodder.** Unexcelled for cutting green and feeding to stock. It should be included in all soiling schedules. 15c qt.; 75c pk.; \$3.00 bu.

## Winter Vetch (Vicia Villosa)

Growth and appearance like  
Spring Vetch.

Valuable as a cover crop or for early spring forage. In this latitude seed should be sown before Sept. 15th, so that the plants may become well established before cold weather. It is customary to sow from two to four pecks of Winter Vetch with six pecks of either Winter Wheat or Winter Rye. If sown alone, broadcast one bushel per acre. Weight 60 lbs. per bushel. Price, 22c per lb.; per 100 lbs., \$20.00 net.

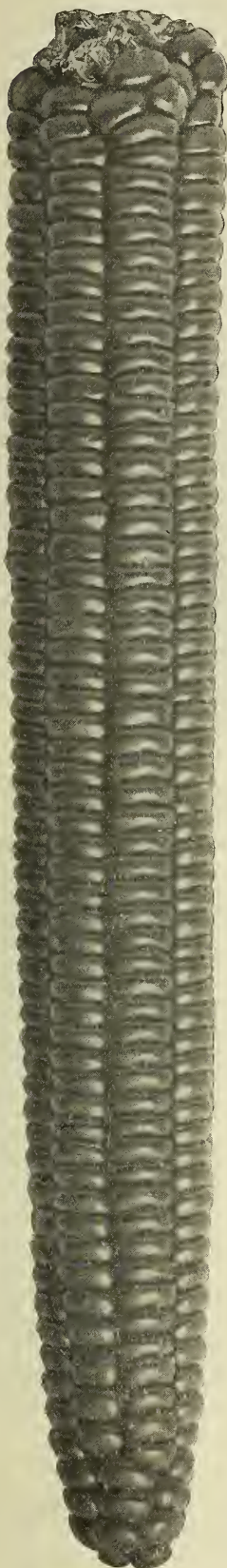
Prices subject to market changes.

## Spring Vetch or Tares (Vicia Sativa)

Very much like common peas in growth and general appearance. An annual legume. Valuable as a summer forage when sown early in spring on well cultivated and enriched ground at the rate of 1/2 bushel Vetch and 2 bushels Grain, Barley or Oats per acre. Can also be sown alone at the rate of about 80 lbs. per acre as cover crop for orchard. Weight per bushel 60 lbs.; \$6.00 bushel net, subject to market changes.



Winter Vetch



Mondamin Corn



# ALFALFA

Prices Alfalfa seed variable; we recommend that you write for special quotation stating quantity required when in the market.



Grimm Alfalfa, Dotshome Farm, Fayetteville, N. Y.

## ALFALFA, or LUCERNE

(Medicago Sativa)

Alfalfa, the greatest known forage crop, is now grown successfully in all parts of the world and is steadily gaining favor with the intelligent New England farmer, for it is proving to be of the greatest value to him not only as a forage crop, but as a soil improver. It is a legume, taking free nitrogen from the air and storing it up in the deep growing roots. As green fodder or cured hay Alfalfa is relished above all other forage crops by stock.

To grow a good field of Alfalfa, it is important to select deep, loamy, well-drained land with loose sub-soil, as standing water will soon kill out the young plants. Plow and harrow the land thoroughly, and with the first harrowing apply at least one ton of Agricultural Lime per acre, thereby correcting any acidity in the soil and, what is more important, making conditions favorable to the activity of nitrogen-gathering bacteria upon the presence of which success depends. Continue to harrow the land at short intervals for some weeks, thereby thoroughly pulverizing the top soil and at the same time working out and killing the old grass roots and weeds that would otherwise get a quick start and choke out the young Alfalfa. If possible, give the ground a fair dressing of barnyard manure, and a short time before sowing the seed harrow in 600 or 800 lbs. per acre of high grade commercial fertilizer. Either the seed should be inoculated with Farmogerm before sowing, or soil from an old Alfalfa field should be sown broadcast at the rate of 300 to 500 lbs. per acre.

It has been found that in this latitude seed sown the last of July or early in August will escape being hindered by weed growth, and get a good stand before cold weather. Sow broadcast at the rate of 20 lbs. per acre.

Never cut Alfalfa before buds have appeared close to the ground at the crowns of the plants; always judge the time to cut by the presence of these basal shoots or buds and not by the period of bloom. Do not cut closely the first season; cut, allow the plants to wilt, put up in cocks and cure in the cock.

### Northwestern Dry Land Alfalfa

Since many New England farmers prefer Northern grown common American Alfalfa, we have secured a stock of Northern grown dry land Alfalfa from grower in the northern part of Montana. This seed will test over 99% pure and of high germination. Price, 25c per lb.; \$22.00 per 100 lbs.

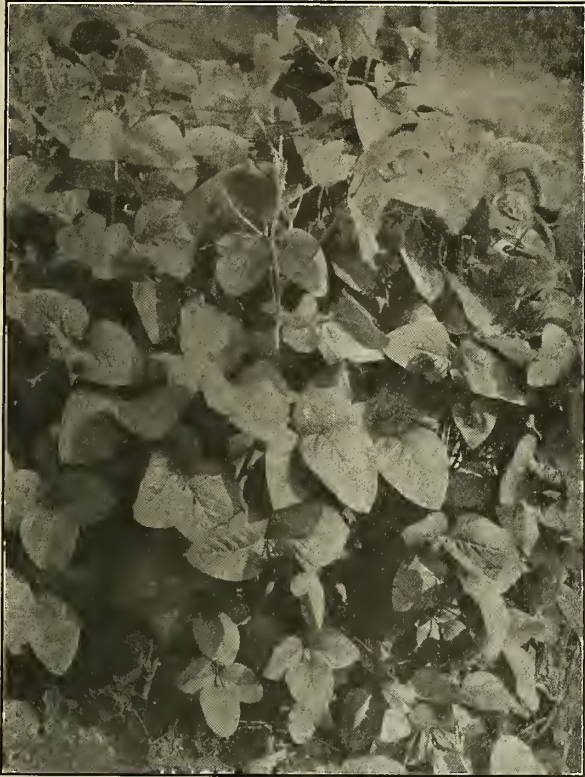
## Genuine Grimm Alfalfa

As a result of extensive trials of numerous varieties of Alfalfa, at various Experiment Stations and on many farms, in the Northern States, the unanimous conclusion is that the Grimm strain is hardier and more productive than any other known variety. It originated in northern Minnesota from seed brought from the fatherland and sown by Ferdinand Grimm, a German farmer. During the many years he allowed his fields to remain in Alfalfa, the more tender plants winter-killed; from those which survived he saved seed, little thinking that by natural selection he was developing a strain of Alfalfa more valuable to the American farmer than any yet discovered. Professor Hayes, before being appointed Assistant Secretary of Agriculture, recognizing the superiority of Grimm Alfalfa for sections where ordinary varieties fail, took measures to have the Grimm strain kept pure and to have it tested in other parts of the country. In 1904 the Government contracted with Mr. F. E. Dawley of Dotshome Farm, Fayetteville, N. Y., to grow 18 varieties of Alfalfa, one of which was Grimm, devoting an acre to each strain. The original stand of Grimm is still in existence. In 1914 it yielded a total of over 6 tons of cured hay in four cuttings. During the first three years of the contract no seed was allowed to ripen on this plot, but since then a seed crop has been harvested every year until 1914. At the present time there are over 60 acres of Genuine Grimm Alfalfa on Dotshome Farm. Although Alfalfa occupies nine-tenths of the meadows in the Fayetteville section, no diseases or insect enemies have appeared. The seed, which is true to name, clean, and absolutely free from Dodder, never leaves the farm until shipped to us. Notwithstanding its higher price, we feel confident that our Grimm seed is the most economical for all farmers who desire to grow Alfalfa. Price, per lb., 80c; 20 lb. lots and over, 75c per lb.

### INOCULATING SOIL

For inoculating new land we can supply soil from healthy old Alfalfa fields where the root-tubercles are abundant. To ensure its reaching our customers in the best possible condition, all soil will be shipped direct from the Dotshome Farm in strong, full-weight sacks of 100 lbs. each. Use 300 lbs. to 500 lbs. per acre. Price, 100-lb. bags, \$1.00; 500 lbs. for \$3.25; per ton, \$10.00; f. o. b. shipping point.





Mammoth Yellow Soja growing in our trial ground at Lexington, season of 1916, ripened seed 115 days

## Clovers

(Prices variable, subject to market changes).

Clovers are the foundation of permanent agriculture in the North and East. They have the faculty of taking nitrogen from the air, and also of rendering available much of the inert plant food of the soil. Their long, powerful tap-roots penetrate to a great depth, loosen the soil, admit air, and by their decay add immensely to the fertility of the soil.

**Medium Red** (*Trifolium pratense*). This is the common Red Clover and by far the most important variety for the practical purposes of agriculture. 60 lbs. to the bushel. Price per lb., 30c; per 100 lbs., \$28.00.

**Mammoth Pea Vine** (*Trifolium pratense magnum*). Of ranker growth than Medium Red and usually lasts longer; excellent for plowing under to improve exhausted soils. 60 lbs. to the bushel. Price per lb., 35c; per 100 lbs., \$30.00.

**Alsike, or Swedish** (*Trifolium hybridum*). The hardiest of all clovers; it resists cold and extreme drought, and for low, wet land is invaluable; excellent for bees. 60 lbs. to the bushel. Price per lb., 25c; per 100 lbs., \$22.00.

**White Clover** (*Trifolium repens*). This variety should be included in all mixtures for lawns and permanent pastures. It is adapted to all soils. 60 lbs. to the bushel. Price per lb., 60c; per 100 lbs., \$50.00.

**Crimson Clover** (*Trifolium incarnatum*). Also known as Scarlet, or Carnation Clover. A rapid-growing annual of great value where only one crop is desired; excellent as a cover crop in orchards, or for plowing under to improve poor soils. 60 lbs. to the bushel. Price per lb., 20c; per 100 lbs., \$18.00.

**Yellow Trefoil** (*Medicago lupulina*). An annual or biennial suitable for pastures in wet meadows or stiff clayey soils which are too poor for other clovers. 60 lbs. to the bushel. Price per lb., 25c; per 100 lbs., \$20.00.

**Yellow Sweet Clover** (*Melilotus officinalis*). More suitable for turning under than the White variety. A good crop with which to prepare land for Alfalfa. Height about 2 feet. 60 lbs. to the bushel. Price per lb., 30c; per 100 lbs., \$25.00.

## Soja Beans

One of the most valuable and important forage and soil-improving crops.

The use of this crop is increasing everywhere. Soja Beans make a larger growth than Cow Peas and can be cut and cured to better advantage. They also furnish a richer and more fattening feed than the Peas, since they contain larger amounts of oil and protein. These properties make Soja Beans particularly valuable as a feed for milch cows and as a general forage crop. When cut together with Corn for the silo, they greatly improve the quality of the feed.

**Yellow Soja.** A large-growing, yellow-seeded variety, especially suitable for ensilage and plowing under. Sow at the rate of one bushel per acre. Qt., 20c; pk., \$1.25; bu., \$4.00.

**Medium Green.** An earlier maturing variety than Mammoth Yellow. Producing a larger yield of Shell Beans but not such a rank growth of forage. Recommended for planting in New England because of its earliness. Price, per qt., 25c; per pk., \$1.50; per bu., \$5.00.

## Southern Cow Peas

(*Vigna Catjang*)

Make Poor Land Rich

The plowing under of green crops is one of the best and cheapest ways of improving the soil. For this purpose the Cow Pea is most popular, especially for medium or light soils. Seed should be sown in May or June at the rate of 1½ bushels per acre and the plants plowed under as soon as they have attained their full growth. Although this crop is already widely known and appreciated its merits are so marked that it can undoubtedly be planted to advantage far more frequently than it is at present. There is no cheaper or surer method of improving the soil than by sowing Cow Peas. Being nitrogen gatherers, their use permits the farmer to dispense with fertilizers containing this element; nitrogen or ammonia in commercial fertilizers is valued at about 18c per pound.

(Prices subject to market changes).

**Clay, or Wonderful.** Has matured in New England. Qt., 20c; bu., \$4.50.

**New Era.** Early and large yielder. Qt., 20c; bu., \$4.50.

**Southern Black Eye.** Immense cropper. Qt., 20c; bu., \$5.

**Whippoorwill.** One of the earliest. Qt., 20c; bu., \$4.50.

## Rape—Dwarf Essex, English

Is easily grown, perfectly hardy and possesses remarkable fattening properties. Under ordinary field conditions the plants reach height of about 4 feet; the roots being strong growing, penetrate the soil to a considerable depth.

Rape is especially adapted to cool, moist conditions, such as prevail in New England, and for its best development requires a loamy soil, moist and rich; ground that has produced good crops of corn, turnips and cabbage will be found very suitable for Rape. Plant seed in New England from May 1 to middle or last of July in average seasons.

In preparing the land for the seed, take every care possible to have it free from noxious weeds. Have the ground well pulverized with a harrow, thereby giving a deep, mellow seed bed.

Dwarf Essex Rape will be found to resist summer drought if care is taken to get the plants well started before extreme summer heat may be expected. For sowing in drills, about 10 lbs. of seed per acre is required; broadcast 15 lbs. per acre. Per lb., 20c; per 100 lbs., \$15.

## White Sweet Clover

**Bokahara** (*Melilotus alba*). Will grow on very poor soils; excellent for plowing under as green manure. Valuable for bee keepers. 60 lbs. to the bushel. Price per lb., 30c; per 100 lbs., \$25.00.



**MISCELLANEOUS SEEDS****For Forage Crops, Plowing Under, Etc.**

(Prices subject to market changes.)

**Peas, Canada or White Field.** Unsurpassed as a green feed for milch cows. Usually sown with oats. Pk., \$1.25; bu., \$4.50.

**Broom Corn, Long Brush Evergreen.** Succeeds best in good, deep, moderately moist soil. Sow 12 quarts per acre, after danger from frost is past. Lb., 15c; 10 lbs., \$1.00.

**Lupins, Yellow.** In spring when the ground has become warm, sow at the rate of 80 pounds per acre. Valuable for plowing under to improve poor sandy soils. Lb., 20c; 100 lbs., \$15.00.

**Lupins, Blue.** Valuable for turning under. Lb., 20c; 100 lbs., \$15.00.

**Spurrey** (*Spergula arvensis*). Annual. This plant will grow in land too dry and too thin to support clover. The crop may be fed either green or as hay. It grows very rapidly and is in condition to pasture sheep or cattle on about six weeks after sowing. Sow broadcast, 20 pounds per acre. Lb., 20c; 100 lbs., \$15.00.

**Sudan Grass**

Very closely related to the sorghum family, is a native of Sudan, Egypt, where it has withstood hot winds and drought for years. The United States Department of Agriculture, in their search for a valuable hay or forage plant, discovered it and in 1909 secured a half pound of seed for experimental purposes. From this small beginning it has become one of the principal forage crops of the Southwest, and last season was grown successfully in many parts of the country, and experimentally in perhaps every state of the Union. Under these wide and varied climatic conditions the results were so satisfactory that it is not only destined to be one of our greatest hay and forage plants, but is already firmly established as such.

**Description.**—Sudan Grass is an annual of quick growth—the first crop being ready to cut in fifty to seventy days after planting, depending upon the length of seasons and moisture; the second and third crops about forty-five or fifty days later, respectively. It stools freely, sometimes as many as one hundred stems coming from one seed. It dies with killing frost, and has a short stalk root, which is easily eradicated. It is a strong drought resister.

It does well almost anywhere, and especially flattering results have been obtained under irrigation. When seeded broadcast or in drills, it averages three to five feet in height, with stems about the size of a lead pencil. If grown in rows and cultivated, it reaches a height of six to nine feet, with somewhat larger stems. Like sorghum, it is easily injured by frost, and the number of cuttings depend upon the length of the growing season. In favorable years where growing period is long, as many as three and sometimes four cuttings can be obtained in one year. But in Northern sections where seasons are shorter, perhaps but two cuttings can be counted on.

**Soil.**—Sudan has been grown successfully on almost every class of soil from heavy clay to light sand, doing best on a rich loam, but, of course, on light sandy soil a light yield may be expected. In any case, it should be well drained.

**Seeding.**—The ground should be prepared as for corn and the seed not planted till soil becomes warm. It can be planted in this latitude from about May 1st to July 1st. Sown broadcast use sixteen to twenty-four pounds of seed per acre. If planted in drills 18 to 24 inches apart, from four to six pounds per acre will be sufficient.

The trial plot illustrated above was planted on the driest, poorest piece of ground we could find in our trial ground; the growth and crop was most surprising. We found that all farm animals relished Sudan Grass whether as green forage or hay. Two good crops were obtained from this trial plot.

Price, per lb., 60c; per 100 lbs., \$55.00.

For free delivery offers and general instructions regarding orders and shipments see third page of cover.



Part of a trial plot of Sudan Grass planted in our trial ground at Lexington, season of 1916

**Millets**

**Hungarian Grass** (*Panicum Germanicum*). This species of Millet is comparatively small and fine in its habit of growth. It is one of the most profitable hay and soiling crops, often yielding over three tons per acre. No other Millet adapts itself so readily to various conditions of soil and moisture. Broadcast at the rate of one bushel per acre. Weight 48 pounds per bushel. Per lb., 10c; \$3.50 per bu.

**Japanese Millet, Japanese Barnyard Grass** (*Panicum Crus Galli*). Distinct from other varieties. An enormous cropper growing over 6 feet in height; excellent either green or as cured hay. Broadcast at the rate of 25 pounds per acre, or in drills 18 inches apart, sow 15 pounds to the acre. Weight about 35 pounds per bushel. Per lb., 10c; \$9.00 per 100 lbs.

**German, or Golden Millet** (*Panicum Miliaceum* var.). An improved, medium early variety, growing from 3 to 5 feet high. The heads are closely condensed though the spikes are numerous. During the past few years, the fact has been established beyond doubt that Golden Millet seed grown in Southern latitudes will produce much larger yields of hay than seed grown in Northern or Western sections of the country. All our seed is Southern grown. Weight 50 pounds per bushel. Per lb., 8c; \$3.25 per bu.

**Pearl Millet.** A valuable and productive fodder plant. Seed should not be sown until after danger from frosts is past. Sow about 10 pounds per acre in drills 18 inches apart. Per lb., 20c; \$15.00 per 100 lbs.

**Sorghum**

Twenty-five pounds per acre is sown in drills. For dry fodder, broadcast 100 pounds per acre.

**Early Amber Sugar Cane.** Will ripen where Indian corn matures. Per lb., 12c; 100 lbs., \$8.00.

**Red Kaffir Corn, or Sorghum.** Non-saccharine. The plants which are stocky and perfectly erect cure into excellent fodder, or may be fed green during all stages of growth. Per lb., 12c; per 100 lbs., \$8.00.

**White Kaffir Corn.** Per lb., 12c; per 100 lbs., \$8.00.



## AGRICULTURAL GRASSES

(Prices quoted are subject to market changes, net

f. o. b. Boston, bags extra).

The following list of Agricultural Grasses includes the varieties used most extensively in permanent pasture and other grass mixtures.

We make a specialty of mixtures for permanent pasture and mowing lands, to which we would call attention. Directly following these descriptions is a set of tables giving complete information about our special mixtures.

**Awnless, or Smooth Brome Grass (*Bromus inermis*).** An erect-growing perennial that attains a height of from three to five feet. It is especially recommended for dry and arid soils where the more delicate grasses will not grow. Weight, 12 lbs. per bushel. 15c lb.; \$12.00 100 lbs.

**Creeping Bent or Firoin (*Agrostis Stolonifera*).** The distinctive feature of this species is, as the name implies, its compact, creeping, rooting stems. It prefers low bottom-lands, especially if they are somewhat sandy. It is rapid of growth and spreading habit, and the stoloniferous roots form a strong enduring turf, that is positively improved by constant trampling. Being of fine texture, it is one of the most valuable of our lawn grasses. Weight, 15 lbs. per bushel. 50c lb.; \$48.00 100 lbs.

### TIMOTHY

**Timothy (Herd's Grass or Catstail) (*Phleum Pratense*).** Perennial. Roots are fibrous in moist soils, but in dry soils often become bulbous; blooms in June and July. While this grass is commonly known as Timothy, it is frequently called Herd's Grass, as this is the name under which it was originally cultivated. It is the most valuable grass for hay, especially in the North, thriving best on moist, loamy soils of medium tenacity. Grows very readily and yields, on favorable soils, three or four tons of best quality hay per acre. Should be cut just when the blossom falls. Weight, 45 lbs. per bushel. 12c lb.; \$5.00 per bu., subject to market changes.



Timothy, or Herd's Grass

## Cover and Soiling Crops for Orchards

One of the most important points in successful orchard-  
ing is the intelligent use of proper cover crops, and the  
orchardists of New England are giving this particular sub-  
ject more and more careful attention, as the proper use  
of such crops conserve the nitrates in the soil after the  
growth of fruit trees is stopped, which would otherwise  
be washed away by the heavy fall or winter rains. They  
also help to break up, during time of their growth, the  
old sod, and later in the season when plowed under, fur-  
nish humus for the soil.

We can recommend the following cereals and legumes  
as the best suited for cover crops under New England  
climatic conditions:

**Winter Rye.** Sow at the rate of  $1\frac{1}{2}$  to 2 bushels per acre;  
this can be sown from the middle of August up to the  
time the ground freezes late in the fall.

**Japanese Buckwheat.** Sow at the rate of 1 to  $1\frac{1}{2}$  bushels  
per acre. Especially valuable where it can be sown  
early in spring on newly plowed sod land, as it is very  
effective in rotting down the old sod and at the same  
time enriching the soil.

**Yellow Soya Beans.**  $1\frac{1}{2}$  to 2 bushels per acre. These do  
best if sown in drills about the middle of June and  
cultivated several times to promote vigorous growth.

**Winter Vetch (*Vicia villosa*).** If sown alone, use 1 bushel  
to the acre broadcast. In this latitude it should be sown  
before September 15th, so that it may be well rooted  
and established before cold weather. One of the best  
to cover and protect the ground during the winter.

**Crimson Clover.** Sow at the rate of 15 to 20 lbs. per acre  
the last of June or first of July, and plow under early  
the following spring.



*Bromus inermis*





Red Top

**Orchard Grass** (*Dactylis glomerata*). Root fibrous; perennial; flowers in June and July. This is one of the most valuable and widely known of all the pasture grasses. Its rapidity of growth, its luxuriant aftermath, and its power of enduring the cropping of cattle, all commend it highly to farmers. Thrives well on light soils, and as its roots penetrate to a considerable depth, it withstands droughts better than most species. Weight, 14 lbs. per bushel. 30c lb.; \$25.00 100 lbs.

**Kentucky Blue Grass** (Meadow Grass, June Grass, Spear Grass) (*Poa pratensis*). Root creeping; perennial; flowers in June. This valuable grass is very common in the soils of America, although some claim that its creeping root impoverishes the soil. It is a fact, however, that it grows very luxuriantly, producing the most nourishing food for cattle until late in the season in the North; in the South abundant herbage is furnished throughout the entire winter. It is a very valuable species in lawn mixtures. As Kentucky Blue Grass requires two or three years to become well set, and does not arrive at perfection as a pasture grass until the sward is at least four years old, it is not suited for alternate husbandry, where the land is to remain in grass two or three years and then to be plowed up. Weight, 14 lbs. per bushel. 25c lb.; \$20.00 100 lbs.

**Red Top** (Herd's Grass) (*Agrostis Vulgaris*). Root creeping; perennial; flowers in July. This valuable grass has been commonly cultivated in our fields for over a century. It is a fine permanent grass, and forms a nutritious pasturage when fed close. It is valuable for all wet soils, producing a large return in good hay. Red Top is often sown with Timothy and common Red Clover, in which case the clover soon disappears, followed by the Timothy, the Red Top usually taking their places, and with some wild indigenous grass forming a close sward. When sown alone, 4 bushels of unhulled, or 20 pounds of the clean seed per acre are required. Weight, unhulled, 10 lbs. per bushel; fancy or clean, 40 lbs. per bushel. Price, unhulled seed, 15c lb.; \$12.00 100 lbs. Fancy, or clean seed, 25c per lb.; \$20.00 per 100 lbs.

**Italian Rye** (*Lolium Italicum*). Annual. In nutritive value, earliness and quickness of growth after it has been mown, it far surpasses the Perennial Rye Grass. It is, therefore, indispensable for alternate husbandry, but as it does not last over two years it is of no use in permanent pastures. The soils best adapted to Italian Rye seem to be those that are moist, fertile and tenacious or of a medium consistency, and on such soils it is said to be one of the best grasses known to be cut green, affording repeated luxuriant crops. Weight, 18 lbs. per bushel. 16c lb.; \$14.00 100 lbs.

**Meadow Foxtail** (*Alopecurus pratensis*). Root fibrous; perennial; flowers in May. This is one of the best grasses for permanent pastures, and should always form a fair proportion of the mixtures for that purpose, because of its extremely rapid growth and great nutritive qualities. Thrives best on a rich, strong soil. As the Meadow Foxtail shoots up its flowering stalk much earlier than Timothy, it can be easily distinguished from the latter, which, at first sight, it greatly resembles. The nutritive qualities of Meadow Foxtail are most abundant at time of flowering. Weight, 8 lbs. per bushel. 40c lb.; \$35.00 100 lbs.

**Crested Dog's-Tail** (*Cynosurus cristatus*). Roots fibrous and tufted; perennial. This is a most valuable permanent pasture grass. It is very tender and nutritious at time of flowering. If, however, it is left until the seed ripens, cattle will not eat it on account of its wiry stems. For parks this grass is well suited, because of its fine, close growth, and pleasant green color. It should form a portion of all mixtures for lawns. Weight, 28 lbs. per bushel. 45c lb.; \$40.00 100 lbs.

**Meadow Fescue, or English Blue Grass** (*Festuca pratensis*). Root creeping; perennial; flowers in July; one of the most valuable of the Fescue grasses. This grass is well adapted for permanent pastures, and is also sometimes used for alternate husbandry. It grows rapidly in rich and rather moist soils, and makes an excellent pasture grass, its long, tender leaves being much relished by cattle. It should be always mixed with other grasses. Weight, 15 lbs. per bushel. 25c lb.; \$20.00 100 lbs.

**Sheep's Fescue** (*Festuca ovina*). Somewhat creeping; perennial; flowers in June and July; especially desirable on light, dry, sandy soils. It is much liked by sheep, and should always enter into the compositions of mixtures for lands on which they are to be pastured. Its compact and fine growth make it suitable for lawn mixtures. Weight, 12 lbs. per bushel. 40c lb.; \$38.00 100 lbs.

**Fine-Leaved Fescue** (*Festuca Tenuifolis*). This is really a variety of *Festuca ovina* with much finer leaves. It will grow on very dry and inferior soils, and its dwarf habit of growth and fineness of leaf render it not unsuitable for dry slopes on lawns. It stands grazing well, is very hardy, and lasts long, and may therefore be recommended for permanent pasture on high and dry situations. Weight, 22 lbs. per bushel. 80c lb.; \$75.00 100 lbs.

**Tall Fescue** (*Festuca elatior*). Root fibrous, somewhat creeping; perennial; flowers June and July. In appearance this species resembles the *Festuca pratensis*, but is larger and of stronger growth. It thrives well on moist soils, and yields abundant crops. Cattle and stock eat it greedily. It should form a portion of every mixture for permanent purposes on moist soils. Weight, 15 lbs. per bushel. 60c lb.; \$50.00 100 lbs.

**Rough Stalked Meadow Grass** (*Poa trivialis*). Root fibrous; perennial. This grass is valuable on account of its quick growth, productiveness and nutritive qualities. Grows in perfection on moist, rich soils, and is also well adapted to ground shaded by trees. Grows early in the spring, and continues green until late in the fall. As it delights in shelter, its produce is always much greater when sown with other grasses. Does not thrive well on dry soils. Weight, 14 lbs. per bushel. 50c lb.; \$48.00 100 lbs.





Orchard Grass

**Rhode Island Bent** (*Agrostis canina*). Root creeping; perennial; flowers in July. A most valuable permanent grass, largely used in New England for pastures and lawns. Soil and treatment same as for Red Top (*A. vulgaris*). Weight, 10 lbs. per bushel. Price, 40c lb.

**Perennial Rye** (*Lolium perenne*). A very valuable grass; arrives early at maturity and produces a good supply of herbage, of which cattle are very fond. It grows freely on almost any soil, and shows a very early spring growth. Although a perennial grass, the root will not live over three or four years, and unless the plant is allowed to reproduce from self-sown seed it will die out in about that time. This is an objection to its extensive use for permanent pastures, but for hay crops it may be introduced to good advantage along with other grasses and clovers. Weight, 24 lbs. per bushel. 12c lb.; \$10.00 100 lbs.

**Hard Fescue** (*Festuca duriuscula*). This is one of the best grasses of the Fescue family. It is found in all the finest permanent pastures of the country, and is much valued for its dwarf habit. It resists summer drought, and develops remarkable verdure during winter. It should form a part of every mixture for lawn or pleasure grounds, as well as for permanent pasture and alternate husbandry. Weight, 14 lbs. per bushel. 40c lb.; \$38.00 100 lbs.

**Sweet Vernal** (*Anthoxanthum odoratum*). Root fibrous; perennial; flowers in May. This grass is valuable on account of its early growth and its hardy and permanent nature, which, added to the fact that it throws up its flower stalks till the end of autumn, upholds its claim to a place in all compositions where permanency is an object. It is very fragrant and imparts a pleasant odor to the hay. Will grow in almost any kind of soil, but prefers those which are rich and moist. It is greatly relished by sheep, and is found growing naturally on upland pastures. As a component of "lawn mixtures" it is most valuable, being largely used for this purpose. Weight, 11 lbs. per bushel. 65c lb.; \$60.00 100 lbs.

**Red or Creeping Fescue** (*Festuca rubra*). This grass grows on light, dry, sandy soils, and from its creeping habit will be found of great value on sandy seacoast lands. It is a grass of better quality than some of the uncultivated species, but is not usually cultivated in this country as an agricultural product, except on elevated sheep pastures. Weight, 13 lbs. per bushel. Price, 40c lb.; \$38.00 100 lbs.

**Yellow Oat Grass** (*Avena flavescens*). This grass deserves to form a portion of all mixtures for permanent purposes, and is well suited for lawns, croquet and bowling greens. It thrives best on light, dry soils. Weight, 11 lbs. per bushel. 95c lb.; \$90.00 100 lbs.

**Tall Meadow Oat Grass** (*Avena Elatior*). A fibrous-rooted perennial; flowers in July; of luxuriant growth, and valuable in permanent pasture mixtures, on account of its early and late growth. It succeeds best on deep, sandy lands, and is suitable for sowing in orchards or other shady places. Weight, 15 lbs. per bushel. 30c lb.; \$28.00 100 lbs.

**Wood Meadow Grass** (*Poa nemoralis*). Root fibrous; flowers in June and July. This grass, as its name implies, is found naturally in woods and is well adapted for growing under trees. It is especially desirable, from its fine habit of growth, for sowing on shady lawns and under trees, on pleasure grounds. Weight, 14 lbs. per bushel 80c lb.; \$75.00 100 lbs.

**Various Leaved Fescue** (*Festuca heterophylla*). A very early hardy perennial, two to three feet high, thriving best in cool, moist soils. It yields heavily and is a valuable grass in mixtures for permanent meadows, either for mowing or grazing. Its great production of root-leaves makes it an excellent bottom grass. It grows well in the shade and is suitable to form part of a mixture for shaded lawns. Weight, 15 lbs. per bushel. 40c lb.; \$38.00 100 lbs.



Perennial Rye Grass



## ALTERNATE HUSBANDRY

All mixtures for Alternate Husbandry should include, say for one or two years' lay, only annual and biennial or other sorts that attain full maturity within that period; for two or three years' lay a greater quantity of seed is required, which should embrace a larger proportion of permanent sorts, so that the places of the dead annual kinds may be filled by the varieties that are of slower growth.

If a mixture principally for mowing is intended to lay more than three or four years, especial care is necessary in selecting and adjusting the several varieties of grasses in proper proportion. A three or four years' lay sown with grasses that are only of annual or biennial duration must be either very thin or foul at the end of the period for which it was laid down—the spaces vacated by the annual and biennial grasses being in all likelihood occupied by objectionable weeds, when, if a proper selection of those species capable of lasting the whole of the desired period were sown, the lay would remain full of plants, free from weeds, and, in consequence, would be very much more profitable during the whole time the land is in grass.

The practice of mowing grass for hay when the plants are in blossom is acknowledged to be a good one, in that it is not so exhausting to the soil, and a more succulent hay, freer from dust, is obtained; it

has however, from the fact that all natural reseeding is prevented, a tendency to weaken the plants and reduce their number; hence, when we see an old field of grass that was originally sown with Timothy, Red-top and Clover, and which has been mowed, perhaps, twice annually, we can readily account for either the enormous number of weeds or vacant places that are sure to be noticeable. Our system of mixture practically overcomes this difficulty by the continued growth and stooling out of some of the varieties included that do not attain full maturity under four to six years. Such mixtures, although in the first place more expensive than the ordinary orthodox seeding, are in the end more profitable; we have seen aftermaths from permanent mowing mixtures that more than equalled first crops of Timothy.

While it is true that the mixtures which we recommend are *seemingly* much more expensive than those commonly used, it should be borne in mind that a vastly increased value is given to the pasture not only for one year, but if the land is properly cared for it will remain in good condition for fifteen or twenty years without further sowing, and produce double the amount of fodder, while the *ordinary* sowing has to be repeated every three or four years; thus, in the end, costing more than four times as much as what would be paid originally for the proper mixture.

## Breck's Special Mixtures for Permanent Pastures

Table showing the proper quantities to Sow on an Acre of Light, Medium or Heavy Soils, for Permanent Pasture.

KIND		No. 1 Light Soils	No. 2 Medium Soils	No. 3 Heavy Soils	No. 4 For Orchards and shady places
Timothy . . . . .	<i>Phleum pratense</i> . . . . .	2 lbs.	3 lbs.	4 lbs.	3 lbs.
Red Top . . . . .	<i>Agrostis vulgaris</i> . . . . .	4 "	4 "	6 "	3 "
Orchard Grass . . . . .	<i>Dactylis glomerata</i> . . . . .	8 "	6 "	4 "	6 "
Meadow Fescue . . . . .	<i>Festuca pratensis</i> . . . . .	2 "	2 "	1½ "	—
Hard Fescue . . . . .	<i>Festuca duriuscula</i> . . . . .	—	1 "	2 "	2 "
Tall Fescue . . . . .	<i>Festuca elatior</i> . . . . .	2 "	2 "	4 "	1 "
Blue Grass . . . . .	<i>Poa pratensis</i> . . . . .	4 "	4 "	2 "	5 "
Rough Stalked Meadow	<i>Poa trivialis</i> . . . . .	—	2 "	4 "	6 "
Perennial Rye Grass . . . . .	<i>Lolium perenne</i> . . . . .	2 "	3 "	3 "	—
Meadow Foxtail . . . . .	<i>Alopecurus pratensis</i> . . . . .	1 "	2 "	2 "	2 "
Crested Dogtail . . . . .	<i>Cynosurus cristatus</i> . . . . .	2 "	1 "	1 "	4 "
Wood Meadow . . . . .	<i>Poa nemoralis</i> . . . . .	1 "	1 "	—	—
Yellow Oat Grass . . . . .	<i>Avena flavescens</i> . . . . .	2 "	1 "	—	—
Sweet Vernal . . . . .	<i>Anthoxanthum odoratum</i> . . . . .	2 "	1 "	—	—
White Clover . . . . .	<i>Trifolium repens</i> . . . . .	4 "	4 "	4 "	5 "
Alsike Clover . . . . .	<i>Trifolium hybridum</i> . . . . .	1 "	1 "	½ "	—
Perennial Red Clover . . . . .	<i>Trifolium pratense perenne</i> . . . . .	2 "	3 "	3 "	3 "
		39 lbs.	41 lbs.	41 lbs.	40 lbs.
Price per acre, F. O. B. Boston . . . . . (bags extra at value)		\$12.75	\$13.00	\$13.00	\$14.00

For free delivery offers and general instructions regarding orders and shipments see third page of cover.



## PERMANENT GRASS SEED MIXTURES FOR GOLF LINKS

In order to better serve our customers and give them Golf Mixtures that are best adapted to the soils and climate of New England, we have made careful study and comparison of the mixtures used on the finest Golf Links in Scotland and England. Our mixtures are the result of many years' experimenting and study in search of grasses that would make the finest and most permanent courses and greens.

Some of the largest and best golf clubs in this section of the country have used our mixtures and we have yet to hear of unsatisfactory results.

**No. 1. For Putting Greens.** This mixture should be sown at the rate of 80 pounds per acre. Per lb. 25 cts.

**No. 2. For Fair Greens upon light and dry soils.** Per lb. 28 cts.

**No. 3. For Fair Greens upon low and damp soils.** Per lb. 25 cts.

Mixtures Nos. 2 and 3 should be sown at the rate 50 pounds per acre.



Kentucky Blue Grass

Sargent Camp, Inc.  
A Summer Camp for Girls.  
Railroad Sta. and Express Office  
Eastview, N. H.  
Post Office  
Peterboro, N. H.  
JOSEPH BRECK & SONS, INC., Boston, Mass.  
Dear Sirs:—A year or two ago we bought of you some grass seed which was of a special kind to be used for golf greens. It was excellent for the purpose and we could ask for nothing more satisfactory. Have you any of these seed in stock at the present time, and if not, can you inform us where we can get it or something equally good? Please quote prices.  
(Signed) SARGENT CAMP, INC.,  
July 7, 1916. By B.C. Willard, Treas.

### Breck's Special Mixtures for Mowing and Grazing Lands

NOTE.—It will be noticed that the different tables are all based on the quantity required to sow one acre. When ordering, simply give number and kind of mixture selected and the number of acres for which seed is desired; for example: "Send me No. 2 Mixture for Permanent Pastures for three acres."

KIND	1 or 2 Years' Mowing			2 or 3 Years' Mowing or Grazing			4 Years' Mowing or Grazing			Permanent Mowing with occasional Grazing		
	No. 5 Light Soils	No. 6 Medium Soils	No. 7 Heavy Soils	No. 8 Light Soils	No. 9 Medium Soils	No. 10 Heavy Soils	No. 11 Light Soils	No. 12 Medium Soils	No. 13 Heavy Soils	No. 14 Light Soils	No. 15 Medium Soils	No. 16 Heavy Soils
	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.	Lbs.
Italian Rye Grass . . . .	6	6	6	4	4	4	3	3	3	3	3	3
Perennial Rye Grass . . .	4	4	5	5	5	6	5	6	7	6	6	7
Orchard Grass . . . . .	4	3	3	6	5	5	8	6	6	9	7	7
Meadow Foxtail . . . . .	—	—	—	1	2	2	2	3	3	2	3	3
Hard Fescue . . . . .	—	—	—	—	—	—	2	1	1	2	2	2
Blue Grass . . . . .	—	—	—	—	—	—	—	—	—	2	3	3
Red Top . . . . .	2	2	3	2	2	3	3	4	4	3	3	3
Wood Meadow . . . . .	—	—	—	—	—	—	—	—	—	1	1	1
Rough Stalked Meadow . .	—	—	—	—	—	—	1	2	3	1	2	2
Meadow Fescue . . . . .	1½	1½	2	1½	2	2	2	3	4	2	4	4
Sweet Vernal . . . . .	½	½	½	½	½	½	1	1	1	1	1	1
Timothy . . . . .	7	9	9	7	9	9	3	4	4	2	3	3
Red Clover . . . . .	7	8	8	4	5	5	—	—	—	—	—	—
Perennial Red Clover . . .	—	—	—	—	—	—	4	5	5	2	2	3
Alsike Clover . . . . .	1	1	1½	2	2	2	2	1	1	2	1	1
White Clover . . . . .	—	—	—	2	1½	1½	2	2	2	2	2	2
	33	35	38	35	38	40	38	41	44	40	43	45
Price per acre, F. O. B. Boston . (bags extra at value)	\$6.15	\$6.50	\$7.00	\$7.80	\$8.35	\$8.60	\$9.80	\$10.70	\$11.48	\$10.00	\$11.00	\$11.50

For free delivery offers and general instructions regarding orders and shipments see third page of cover



# Breck's Lawn Grass Seed



Smooth, firm, ever-green lawns from Breck's Lawn Grass Mixtures

JOSEPH BRECK & SONS CORPN., Boston, Mass.

Dec. 20, 1916.

Gentlemen:—For the past 29 years I have used Breck's Seeds in my business of market gardening. I take pleasure in advising that your seeds have given most satisfactory returns during the 29 years. They are certainly reliable and it is a pleasure to recommend them.

(Signed) S. O. Nelson, Market Gardener.

## Breck's Standard Lawn Grass Seed



We have given much thought and made many experiments in order to ascertain just what is the best mixture for permanent lawns, and the grasses which are best suited to this climate. By the proper

blending of the varieties which constitute Breck's Lawn Grass, we have obtained a mixture that from early spring to late fall will give to lawns made with it that rich, deep green so often admired upon the lawns and parks of England, but so seldom seen in this country.

One quart will sow 300 sq. ft. Price per qt. \$0.25  
One-half peck will sow 1,200 sq. ft. Price per ½ pk. .85  
One peck will sow 2,400 sq. ft. Price per pk. 1.50  
One bush. will sow 10,000 sq. ft. Price per bush. 5.00

Four bushels will sow one acre.

## Boston Park Lawn Grass



The same mixture of grasses and clover as supplied by us to the City of Boston Park Commissioners for sowing on the Franklin and other parks administered by them.

Per pound ..... \$0.30  
Per peck, 8 pounds ..... 2.25  
Per ½ bushel, 16 pounds ..... 4.25  
Per bushel, 32 pounds ..... 8.00  
Two bushels will sow one acre.

## Breck's "Shady Spot" Lawn Grass



This is a mixture of grasses that are naturally adapted for growing under trees and in places where the sun does not find ready entrance. If sown on such locations, in place of the ordinary Lawn Seed, bare

and unsightly spots will be prevented. Per qt., 25c; pk., \$1.50; bush., \$5.00.

## Breck's Bank and Terrace Grass Mixture

A mixture of deep-rooting grasses specially prepared for embankments and situations where it is impractical to get a successful catch of the less spreading rooted sorts. It produces a rich velvety turf throughout the season. No coarse-growing undesirable varieties are used in this mixture. Per qt., 25c; pk., \$1.50; bush., \$5.00.

## Sterlingworth Lawn Compound

Kills the weeds but not the grass and makes the lawn green and velvety.

It seems incredible that a preparation can be made which will kill the weeds in lawns without injuring the grass. This is exactly what "STERLINGWORTH LAWN COMPOUND" will do and also it will help the grass to grow green and greatly improve the sward. It absolutely destroys Dandelions, Plantain, Chickweed and all weeds with hairy surfaces or broad leaves. It is a dry sandy powder to be applied by sprinkling over the grass.

Five pounds will dress 500 to 700 square feet. Full directions for use on each package. Prices: 5-lb. cans, 60c; 10-lb. cans, \$1.00; 50-lb. kegs, \$4.00; 100-lb. kegs, \$7.50.



# Valuable Table for Planting

NAME OF VEGETABLE	WHEN TO PLANT		DEPTH to PLANT	DISTANCE APART	TIME OF MATURITY
	HOT BED	OPEN GROUND	Inches	Inches	
Artichoke, Globe	March	May	$\frac{1}{2}$	Transplant 24 x 36	September to frost
Asparagus	.....	April or May	1	Transplant 12 x 36	3rd year from roots
Beans, Pole	March	May and June	2	Poles 36 x 36	August to frost
Beans, Dwarf	March	May to August	2	Thick drills, 24 apart	45 days
Beets	March	May to August	1	Thin to 5 x 15	50 "
Broccoli	March	June	$\frac{1}{2}$	Transplant 18 x 30	100 "
Brussels Sprouts	March	May and June	$\frac{1}{2}$	Transplant 12 x 18	150 "
Cabbage, Early	March	April and May	$\frac{1}{2}$	Transplant 18 x 24	100 "
Cabbage, Late	.....	June	$\frac{1}{2}$	Transplant 24 x 36	100 "
Carrot	March	May and June	$\frac{1}{2}$	Thin to 5 x 15	100 "
Cauliflower	April	May and June	$\frac{1}{2}$	Transplant 24 x 36	100 "
Celery	March	May	Barely cover	Transplant 2 x 4, in flats	170 "
Sweet Corn	.....	May to June	{ 1 Early 1 $\frac{1}{2}$ late	{ Drills 10 x 30 { Drills 12 x 48	60 to 90 days
Cress	.....	May to July	$\frac{1}{4}$	Thin to 3 x 12	40 days
Cucumber	March	May to July	$\frac{1}{2}$	Hills 48 x 48	50 to 75 days
Dandelion	.....	May	$\frac{1}{4}$	Thin to 6 x 12	Following spring
Egg Plant	April	June	$\frac{1}{2}$	Transplant 36 x 36	135 to 150 days
Endive	March	June to August	$\frac{1}{4}$	Transplant 12 x 12	45 days
Kale	.....	June to August	$\frac{1}{2}$	Transplant 12 x 18	150 "
Kohl Rabi	.....	May to July	$\frac{1}{2}$	Thin to 6 x 18	110 "
Leek	.....	May and June	1	Transplant 5 x 12	100 "
Lettuce	March	April to August	$\frac{1}{4}$	Transplant 12 x 12	25 to 60 days
Martynia	March	May	1	Transplant 36 x 36	70 days
Melons, Musk	April	May and June	1	Hills 60 x 60	120 "
Melons, Water	.....	May and June	1	Hills 96 x 96	110 "
Okra	March	May	1 $\frac{1}{2}$	Thin to 12 x 18	100 "
Onion	.....	April and May	$\frac{1}{2}$	Thin to 5 x 18	100 to 150 days
Parsley	March	April and May	$\frac{1}{2}$	Thin to 6 x 12	45 days
Parsnips	.....	April and May	$\frac{1}{2}$	Thin to 5 x 18	140 "
Peas	.....	April to July	3	Thick rows, 24 apart	40 to 80 days
Pepper	March	June	$\frac{1}{2}$	Transplant 18 x 24	135 to 160 days
Potato	.....	April to June	{ 2 Early 5 Late	12 x 36	90 to 130 "
Pumpkin	.....	June	$\frac{1}{2}$	Hills 48 x 72	115 days
Radish	March	April to Sept.	$\frac{1}{2}$	Thin to 2 x 12	25 to 45 days
Salsify	.....	May	$\frac{1}{4}$	Thin to 4 x 18	Oct. through winter
Spinach	.....	April and May	1	Thick rows, 12 or 15 apart	30 to 40 days
Squash	.....	June	1	Hills 48 x 72	60 to 130 "
Tomato	March	June	$\frac{1}{4}$	Transplant 36 x 36	100 to 150 "
Turnip	.....	April to August	$\frac{1}{2}$	Thin to 4 x 18	60 to 75 "

## Directions for Making and Caring for Hot-beds

Early in March obtain a good quantity of fresh horse manure, mix with it one-third to one-half its bulk in leaves, and by tramping down the mass in layers, make a large pile, so that the fermentation will continue even in very cold weather. When this fermentation shows, by the escape of steam from the pile, turn it over and allow it to remain so for a few days or until the second fermentation shows; then place the manure in a pit at least 2  $\frac{1}{2}$  feet deep and tread it down firmly in layers to a depth of about 2 feet. Build your pit in a sheltered spot, facing the south or east if possible and line with heavy planks or concrete. The frame used to support the sashes covering the bed should be raised 6 inches higher at the back than the front, to give proper slope to the sash to catch the sunlight.

After the manure is firmly trodden down in the pit, scatter over the surface a good covering of air-slaked lime, to keep all slugs, worms, and other pests from infesting the surface soil. After this is done, fill in about 4 or 5 inches of good, rich, clean-sifted loam, level off and place a thermometer therein. Put on sashes and let the frame remain closed until the thermometer registers about 70 to 75 degrees and remains steady. Sow your seed, covering it lightly. Keep the surface moist by an occasional watering with a fine spray. As the seedlings appear it is advisable to allow them a little air each day to prevent them damping off; when the plants are large enough they can be thinned out, transplanted into boxes or small pots and placed back in the warm frame.



## VALUABLE TABLES

SEED REQUISITE TO PRODUCE A GIVEN NUMBER OF  
PLANTS AND SOW AN ACRE

	Quantity per acre.
Artichoke, 1 oz. to 30 ft. of drill.....	$\frac{3}{4}$ lb.
Asparagus, 1 oz. to 200 plants.....	5 "
Barley .....	$2\frac{1}{2}$ bu.
Beans, Dwarf, 1 qt. to 100 feet of drill.....	$1\frac{1}{4}$ "
Beans, Pole, 1 qt. to 200 hills.....	$\frac{1}{2}$ "
Beet, Garden, 1 oz. to 50 feet of drill.....	6 lbs.
Beet, Mangel, 1 oz. to 50 feet of drill.....	8 "
Broccoli, 1 oz. to 1,500 plants.....	8 oz.
Broom, Corn .....	10 lbs.
Brussels Sprouts, 1 oz. to 1,200 plants.....	8 oz.
Buckwheat .....	$\frac{1}{2}$ bu.
Cabbage, 1 oz. to 2,500 plants.....	5 oz.
Carrot, 1 oz. to 100 feet of drill.....	4 lbs.
Cauliflower, 1 oz. to 2,500 plants.....	5 oz.
Celery, 1 oz. to 3,000 plants.....	4 "
Clover, Alsike and White Dutch.....	15 lb.
Clover, Lucerne, large Red, Crimson & Trefoil.....	15 "
Clover, Medium .....	15 "
Collards, 1 oz. to 2,500 plants.....	6 "
Corn, Sweet, 1 qt. to 200 hills.....	8 qts.
Cress, 1 oz. to 100 feet of drill.....	8 lbs.
Cucumber, 1 oz. to 50 hills.....	$\frac{3}{4}$ "
Egg Plant, 1 oz. to 1,000 plants.....	5 oz.
Endive, 1 oz. to 150 feet of drill.....	3 lbs.
Flax, broadcast .....	$\frac{1}{2}$ bu.
Garlic, bulbs, 1 lb. to 10 feet of drill.....	2 $\frac{1}{4}$ lbs.
Gourd, 1 oz. to 25 hills.....	$2\frac{1}{4}$ lbs.
Grass, Blue, Kentucky .....	3 bu.
Grass, Blue, English .....	2 "
Grass, Hungarian and Millet.....	1 "
Grass, Mixed Lawn .....	4 "
Grass, Orchard, Perennial Rye, Red Top, Fowl Meadow and Wood Meadow.....	3 "
Grass, Timothy .....	$\frac{1}{2}$ "
Grass, Red Top, fancy, clean seed.....	20 lbs.
Kale, 1 oz. to 1,200 plants.....	6 oz.
Kohl Rabi, 1 oz. to 150 feet of drill.....	2 lbs.
Leek, 1 oz. to 100 feet of drill.....	4 "
Lettuce, 1 oz. to 250 feet of drill.....	3 "
Martynia, 1 oz. to 50 feet of drill.....	10 "
Melon, Musk, 1 oz. to 60 hills.....	2 "
Melon, Water, 1 oz. to 40 hills.....	3 "
Nasturtium, 1 oz. to 40 feet of drill.....	10 "
Oats .....	3 bu.
Okra, 1 oz. to 40 feet of drill.....	10 lbs.
Onion Seed, 1 oz. to 100 feet of drill.....	4 to 5 "
Onion Seed, for Sets .....	30 to 50 "
Onion Sets, 1 qt. to 20 feet of drill.....	8 bu.
Parsnip, 1 oz. to 100 feet of drill.....	5 lbs.
Parsley, 1 oz. to 150 feet of drill.....	8 "
Peas, Garden, 1 qt. to 100 feet of drill.....	$1\frac{1}{2}$ bu.
Peas, Field .....	$2\frac{1}{2}$ "
Pepper, 1 oz. to 2,000 plants.....	4 oz.
Potatoes .....	10 bu.
Pumpkin, 1 qt. to 300 hills.....	4 qts.
Radish, 1 oz. to 100 feet of drill.....	8 lbs.
Rye .....	$1\frac{1}{2}$ bu.
Salsify, 1 oz. to 50 feet of drill.....	10 lbs.
Spinach, 1 oz. to 50 feet of drill.....	10 "
Summer Savory, 1 oz. to 500 feet of drill.....	2 "
Squash, Summer, 1 oz. to 40 hills.....	2 "
Squash, Winter, 1 oz. to 20 hills.....	4 "
Tomato, 1 oz. to 2,000 plants.....	3 oz.
Tobacco, 1 oz. to 4,000 plants.....	2 "
Turnip, 1 oz. to 150 feet of drill.....	2 lbs.
Vetches .....	$\frac{1}{2}$ to 1 bu.
Wheat .....	1 to 2 "

NUMBER OF PLANTS OR TREES TO THE ACRE AT  
GIVEN DISTANCES

Dis. apart.	No. plants.
$\frac{1}{2}$ foot .....	174,240
1 " .....	43,560
$1\frac{1}{2}$ " .....	19,360
2 feet .....	10,890

Dis. apart.	No. plants.
$2\frac{1}{2}$ feet .....	6,969
3 feet by 1 foot .....	14,520
3 " 2 feet .....	7,260
3 " 3 " .....	4,840
4 " 1 " .....	10,888
4 " 2 " .....	5,444
4 " 3 " .....	3,629
4 " 4 " .....	2,722
5 " 5 " .....	1,742
6 " .....	1,210
7 " .....	889
8 " .....	680
9 " .....	573
10 " .....	435
11 " .....	360
12 " .....	302
15 " .....	193
18 " .....	134
20 " .....	108
25 " .....	69
30 " .....	64

## WEIGHT OF VARIOUS ARTICLES

	Per bu., 48 lbs.
Apples .....	25 "
Apples, Dried .....	48 "
Barley .....	48 "
Beans .....	60 "
Beans, Limas .....	56 "
Buckwheat .....	48 "
Broom Corn .....	46 "
Blue Grass, Kentucky .....	14 "
Blue Grass, English .....	24 "
Bran .....	20 "
Canary Seed .....	60 "
Castor Beans .....	46 "
Clover Seed .....	60 "
Corn, Shelled .....	56 "
Corn, on Ear .....	70 "
Corn Meal .....	50 "
Charcoal .....	22 "
Coal, Mineral .....	80 "
Cranberries .....	32 "
Dried Peaches .....	33 "
Flax Seed .....	55 "
Hemp Seed .....	40 "
Hungarian Grass Seed.....	48 "
Irish Potatoes, heaping measure.....	60 "
Millet .....	50 "
Malt .....	38 "
Oats .....	32 "
Osage Orange .....	33 "
Orchard Grass .....	14 "
Onions .....	52 "
Peas .....	60 "
Plastering Hair .....	8 "
Rape .....	50 "
Rye .....	56 "
Red Top Seed, Chaff Seed.....	10 "
Red Top Fancy, Clean Seed.....	40 "
Salt, Coarse .....	70 "
Salt, Michigan .....	50 "
Sweet Potatoes .....	54 "
Timothy Seed .....	45 "
Turnips .....	55 "
Wheat .....	60 "
Beef and Pork, per bbl., net.....	200 "
Flour, per bbl., net.....	196 "
White Fish and Trout, per bbl., net.....	200 "
Salt, per bbl.....	280 "
Lime per bbl.....	220 "
Hay, well settled, per cubic foot.....	$4\frac{1}{2}$ "
Corn, on Cob, in bin, per cubic foot.....	22 "
Corn, Shelled, in bin, per cubic foot.....	45 "
Wheat, in bin, per cubic foot.....	48 "
Oats, in bin, per cubic foot.....	$25\frac{1}{2}$ "
Potatoes, in bin, per cubic foot.....	60 "
Sand, Dry, per cubic foot.....	95 "
Clay, Compact, per cubic foot.....	135 "
Marble, per cubic foot.....	169 "
Seasoned Beech Wood, per cord.....	5,616 "
Seasoned Hickory, per cord.....	6,960 "





## BRECK'S HIGH GRADE FLOWER SEEDS

Our carefully revised list of species and varieties of merit, contains chiefly those of comparatively easy culture. A small sum expended for seeds of any of these plants will bring full measure of enjoyment and satisfaction to the purchaser. In general, the finest garden effects are produced by mass-displays, especially where the plants are set in borders or where the flowers will have backgrounds of shrubbery. The best use of individual specimens is in pot-culture. The present tendency in this country to bring hardy perennials into more general cultivation is encouraging, for it attests an increasing love of flowers among the people, but this trend should in no way cause annuals to decline in popular favor. Both groups are indispensable; the perennials for permanent effects; the annuals for variety.

**HALF-HARDY PERENNIALS AND BIENNIALS.**—It is usually best to start seeds of these plants indoors, but they may be sown in the open like those of hardy varieties.

**STARTING PLANTS INDOORS.**—Any fine, sandy loam will answer, but if possible make a mixture of equal parts of light soil, leaf-mould and sand. Boxes, two or three inches deep, shallow pots, and seed pans,—filled to one-third their depth with small pieces of broken pots or other coarse material, to insure good drainage—are satisfactory containers; fill them within about three-fourths of an inch of the tops, pressing the soil down firmly, and water thoroughly a day before sowing. Distribute the seeds evenly but not too thickly, cover not over an eighth of an inch deep, and press the soil down upon them with the hands or a piece of board; then water with fine spray. It is a good plan to cover each seed pan or flat with a sheet of newspaper, until after germination, to prevent the soil from drying out too rapidly, but see to it that plenty of air gains admittance. Keep in a sunny window near the glass in a temperature of from 60 to 70 degrees; water carefully when necessary, and before the seedlings begin to crowd transplant into two-inch pots or set them an inch or more apart each way in other shallow boxes or pans. It may be necessary to transplant a second time before the weather is suitable for setting out.

### OUT-OF-DOOR CULTURE

**PREPARATION OF THE SOIL.**—Needless to say, thorough preparation of the soil is the first essential of successful flower-culture. Choosing a sunny situation, dig the ground deeply and mix plenty of manure or fertilizer with the soil, raking out all loose stones and tufts of roots or grass. When the surface is smooth and firm, the bed is ready for planting.

**SEED SOWING.**—Seeds should be sown in pulverized soil and covered lightly to a depth equal to about three times their diameter. Exceedingly small seeds often do not need covering; pressing them into the soil with a board is sufficient.

**SUBSEQUENT CARE.**—After the seed is sown little care is required beyond occasional watering and weeding, with enough loosening of the soil so that the plants may receive the full benefit of rains and dews.

**HARDY ANNUALS.**—Plants of this class are of the simplest culture. Seeds should be sown out of doors as early in spring as the ground can be prepared properly. Frequently a second sowing is made a week or two later, to insure a longer flowering-season.

**HALF-HARDY ANNUALS.**—The seeds of these plants require a higher ground-temperature for germination than the preceding, hence they should be sown later,—usually during the latter part of May.

**TENDER ANNUALS.**—These seeds are sown indoors about March 1st, and the plants set out in the garden when the ground is thoroughly warm and the weather settled.

**HARDY PERENNIALS AND BIENNIALS.**—These may be treated like Hardy Annuals; or the seeds may be sown in July or August and the plants covered, after frost sets in, with a light litter of leaves or straw.



# Breck's Selected List of High Grade Flower Seeds



Aster, Breck's Improved Midsummer

## Breck's Choice List of Asters

### BRECK'S CHOICE LIST OF ASTERS

The demand for Breck's Asters from the leading commercial and private growers all over the United States is a sufficient recommendation of their superiority. We welcome a comparison of the product of Breck's seeds with that of the most highly lauded.

**Cultivation.**—Sow in fine soil, and cover lightly in shallow boxes, which should be set in the greenhouse or a sunny window. Keep moderately moist until the plants are well up, then transplant, three inches apart.

**265. BRECK'S INTERNATIONAL PRIZE MIXTURE.**—This comprises all the best varieties and finest colors of large-flowering Asters. ¼ oz. Pkt. Oz. \$3.50 \$1.00 \$0.10

**ASTERMUM.**—This is a beautiful new type of the Hohenzollern Aster. The flowers are of enormous size with very full centers. The plant is of sturdy growth with long, straight stems. This new departure in Asters should be welcomed by all Aster lovers.

415. Lavender ..... .20  
416. Pink ..... .20  
417. Pure White ..... .20

**253. PINK ENCHANTRESS.**—The flowers of this new variety are always full and very double; the petals are wide and of medium length. The ones toward the centre folding in while those towards the outer edge gradually stand out more and more, the outside petals being almost flat. The plants are not of the branching, but more of the up-

right habit, their growth is very vigorous and they produce long graceful stems to support their enormous flowers..... ¼ oz. Pkt. .15

**254. EARLY SNOWDRIFT.**—One of the earliest Asters in cultivation. The leaves are narrow and sparse, and the branches spring from close to the ground. The entire energy of the plant seems given to the production of 12 to 18 long slender upright stems crowned with immense perfectly double flowers of the Ostrich Feather type. Pure white ..... 1.00 .10

**EARLY WONDER.**—These are the earliest Asters in cultivation. They are after the style of the Giant Comet and are destined to become the leading early Asters. They should prove a great boon to growers requiring large early blooms.

257. Light Pink ..... .15  
258. Snow White ..... .15  
259. Lavender. Beautiful shade (new 1914).. .20

**260. BRECK'S DAWN OF DAY.**—One of the earliest-flowering white Asters yet raised; it flowers about 10 days ahead of Queen of the market. Of perfect form, erect growth, and long stems with pure white flowers..... .10

**261. HERCULES.**—This is an Aster raised from the large white variety of Hercules first offered in 1905. The plants grow in a semi-dwarf compact form about 20 inches high and produce immense and beautiful flowers of a rosy lilac shade. One of the most refined of all Asters..... .15



262. **ECLIPSE.**—The flowers of this beautiful and distinct variety are of immense size, often measuring 6 to 7 inches across. Pure  $\frac{1}{4}$  oz. Pkt. white with thread-like florets and very double ..... .15

**SINGLE JAPANESE ASTER.**—A new sort, reminding one of the single blooming Japanese Chrysanthemum; flowers in two colors, white and delicate rose, both having yellow central disks, encircled by long quilled petals, giving the bloom an unusually graceful and uncommon aspect. Plants make a large number of strong side stalks, right from the base of the main stem, making it a good sort for cut flowers, or for a late summer bedding variety.

263. White ..... .15

264. Delicate Rose ..... .15

286. **MAIDEN'S BLUSH.**—A beautiful, extra large, light salmon pink, of branching habit; very free flowering..... .15

287. **GIANT WHITE EMPRESS.**—This excellent variety is of very strong and sturdy growth. The flowers are of the purest white and very double, measuring five to six inches across..... .15

266. **BETTERIDGE'S QUILLED.**—One of the finest Asters having quilled petals; flowers large and quite double. 2 ft..... .30 .10

267. **MAMMOTH MAUVE QUEEN.**—This Aster is of the Giant Comet type. The flowers, which are extra large and very double, are borne on long stems. The color is pearl-gray, approaching lavender. It is an acquisition to the Aster family.  $2\frac{1}{2}$  ft....Oz. 4.00 ..... .10

**BRECK'S GIANT JAPANESE.**—An improved type of the Giant Comet, with long wavy, twisted petals, flowers of good substance and well formed.  $2\frac{1}{2}$  ft.

270. Pure White ..... .75 .10

271. Peach Blossom ..... .75 .10

272. Scarlet ..... .75 .10

273. Dark Blue ..... .75 .10

274. Mixed ..... .75 .10



Aster, Early Non-Lateral Branching



Aster, Breck's Concord

**BRECK'S CONCORD.**—These magnificent Asters are large, double and very showy, the petals overlapping clear to the centre. The plants are of luxuriant growth, 18 inches high, and bear 25 to 40 flowers on a plant. The flowers measure 4 to 5 inches across and are of perfect form. Excellent for Florist's use.

	Oz.	$\frac{1}{4}$ oz.	Pkt.
315. Pure White .....	4.00	1.25	.10
316. Light Blue .....	4.00	1.25	.10
317. Light Pink .....	4.00	1.25	.10
318. Lilac .....	4.00	1.25	.10
319. Crimson .....	4.00	1.25	.10
320. Scarlet .....	4.00	1.25	.10
321. Dark Blue .....	4.00	1.25	.10
322. Apple Blossom .....	4.00	1.25	.10
323. Salmon .....	4.00	1.25	.10
324. Mixed Colors .....	4.00	1.25	.10

268. **QUEEN OF ITALY.**—This is an Italian introduction and has been named the Queen, as it will doubtless range foremost amongst all Asters. It grows about 28 inches high and bears giant flowers 5 inches in diameter, on long and graceful stems. The flowers are very double and of a distinct chamois color. .... .25

**BRECK'S IMPROVED MIDSUMMER.**—These Asters comprise a collection of mid-season varieties, distinguished by their delicate shades of color. The plants are very vigorous, upright in growth, and produce stems of good length. The large flowers are so double as to be veritable balls of bloom. 2 ft.

325. Giant Pink. Lovely light pink.....	.25
326. Lavender. A very delicate shade of blue	.15
327. Pure White. An extremely good white.	.15
328. Royal Purple. A rich dark blue.....	.15
329. Rose. A soft clear pink, delicately shading to the centre.....	.15
330. Salmon. Pale salmon pink.....	.15
331. Sunset. Creamy pink with deeper centre	.15
332. Yellow. Pale lemon yellow.....	.15
333. Light Blue. A beautiful shade.....	.15
334. Choice Mixed. From above varieties....	.10





Aster, Vick's Branching

**NEW EARLY NON-LATERAL BRANCHING.—**

A distinct advance in the branching class. Coming into bloom about two weeks earlier than the late branching. The few branches are free from side-buds. The whole strength of the plant being given to the development of extra large perfectly formed flowers on extra long stems making them very desirable for cutting. 2 ft.

		¼ oz.	Pkt.
276. Crimson .....	1.00	.10	
277. Lavender .....	1.00	.10	
278. Rose .....	1.00	.10	
279. White .....	1.00	.10	

**AMERICAN BRANCHING.—**A free growing variety with large flowers, which are borne on long stems. A late variety exceptionally good for cutting. 2½ ft.

		Oz.	
280. Pure White .....	2.00	.60	.10
281. Shell Pink .....	2.00	.60	.10
282. Lavender .....	2.00	.60	.10
283. Purple .....	2.00	.60	.10
284. Crimson .....	2.00	.60	.10
285. Mixed .....	2.00	.60	.10

**GIANT COMET. BRECK'S SPECIAL STRAIN.—**

These are the most popular of all Asters. Enormous flowers with long, wavy, twisted petals, resembling Japanese Chrysanthemums. 2½ ft.

299. Dark Blue .....	3.00	1.00	.10
300. The Brld. Pure white.....	3.00	1.00	.10
301. Light Blue .....	3.00	1.00	.10
302. Lilac .....	3.00	1.00	.10
303. Crimson .....	3.00	1.00	.10
304. Peach Blossom .....	3.00	1.00	.10
305. Rose .....	3.00	1.00	.10
306. Sulphur Yellow .....	3.00	1.00	.10
308. Rose and White.....	3.00	1.00	.10
309. Finest Mixed .....	3.00	1.00	.10

Collection, 10 distinct colors, 75c.

Collection, 6 distinct colors, 50c.

**290. CHRYSANTHEMUM FLOWERED DWARF PERFECTION.—**

The plants only attain a height of about 12 inches, but the flowers are large and double like Chrysanthemums ..... ¼ oz. Pkt.

Oz. 2.50 .75 .10

Imported Collection of 12 distinct colors, 75c.

Imported Collection of 6 distinct colors, 50c.

**GIANT CREGO.—**This Aster, through the most careful selection, has been brought to a state of perfection hitherto unknown in this type. The plants grow to a height of over 2 feet, with long well-branched, strong stems and fluffy graceful flowers as fine as any Chrysanthemums. When cut they keep longer in good condition than other Asters of this type.

293. Giant Mixed .....	.75	.10
294. Giant Dark Blue .....	1.00	.10
295. Giant Deep Pink .....	1.00	.10
296. Giant Snow White .....	1.00	.10
297. Giant Shell Pink .....	1.00	.10
298. Giant Lavender .....	1.00	.10

**OSTRICH PLUME MODEL.—**This is a distinct variety with the true Ostrich Feather form. The plants are of a dwarf compact habit, being only six inches in height and very free-flowering; especially good for borders.

350. Pure White .....	2.00	.15
351. Bright Rose .....	2.00	.15



Breck's Mid-summer Aster



**OSTRICH FEATHER, or PLUME ASTER.**—An extremely graceful Aster. Flowers of immense size with loose feathery heads. The branching habit makes it a conspicuous border plant, exceptionally good for table decoration. 2 to 2½ ft.

	Oz.	¼ oz.	Pkt.
355. White, violet tipped .....	3.00	1.00	.10
356. Terra Cotta .....	3.00	1.00	.10
357. White .....	3.00	1.00	.10
358. White, changing to rose .....	3.00	1.00	.10
359. Rose .....	3.00	1.00	.10
360. Crimson .....	3.00	1.00	.10
361. Reddish Lilac .....	3.00	1.00	.10
362. Malmaison Rose .....	3.00	1.00	.10
363. Mixed .....	3.00	1.00	.10

**QUEEN OF THE EARLIES.**—Special strain of Queen of the Market.—This variety is about three weeks earlier than the larger varieties; flowers of medium size borne on long stems; used extensively by florists. 1½ ft. Oz.

370. Dark Blue .....	2.00	.60	.10
371. Crimson .....	2.00	.60	.10
372. Light Blue .....	2.00	.60	.10
373. Rose .....	2.00	.60	.10
374. White .....	2.00	.60	.10
376. Deep Scarlet .....	2.00	.60	.10
378. Peach Blossom .....	2.00	.60	.10
379. Lavender .....	2.00	.60	.10
377. Mixed .....	2.00	.60	.10

**GIANT PAEONY-FLOWERED PERFECTION.**—A general favorite. The plants are of branching, pyramidal form and very floriferous. Our stock of this seed is a great improvement on what is generally offered. 2 ft. Oz.

380. Blood Red .....	3.00	1.00	.10
381. Brilliant Rose .....	3.00	1.00	.10
382. Brilliant Scarlet .....	3.00	1.00	.10
383. Dark Blue .....	3.00	1.00	.10
384. Delicate Rose .....	3.00	1.00	.10
385. Crimson .....	3.00	1.00	.10
386. Carmine Rose .....	3.00	1.00	.10
387. Light Blue .....	3.00	1.00	.10
388. Snow White .....	3.00	1.00	.10
389. Amethyst Blue .....	3.00	1.00	.10
390. Mixed .....	3.00	1.00	.10

Collection, 12 distinct colors, 75c.

Collection, 6 distinct colors, 40c.

**VICTORIA IMPROVED.**—One of the nicest types for exhibition. The petals curve outwards instead of folding in which makes it a splendid contrast to the Paony-Flowered varieties. The flowers are very large. Height 18 inches. Oz.

395. Azure Blue .....	4.00	1.25	.10
396. Dark Blue .....	4.00	1.25	.10
397. Scarlet .....	4.00	1.25	.10
398. Crimson .....	4.00	1.25	.10
399. Light Rose .....	4.00	1.25	.10
400. Carmine Rose .....	4.00	1.25	.10
401. Rose and White .....	4.00	1.25	.10
402. Peach Blossom .....	4.00	1.25	.10
403. Purple Violet .....	4.00	1.25	.10
404. White .....	4.00	1.25	.10
405. White, tinted rose .....	4.00	1.25	.10
406. Sulphur Yellow .....	4.00	1.25	.10
407. Coppery Rose .....	4.00	1.25	.10
408. Daybreak Pink .....	4.00	1.25	.10
409. Mixed .....	4.00	1.25	.10

Collection, 12 distinct colors, 75c.

Collection, 6 distinct colors, 50c.



*Achillea Ptarmica* (The Pearl)

**VICK'S BRANCHING.**—This vigorous variety forms tall, bushy plants. Flowers extra large, borne on long, stout stems. It is a great favorite with the florists for late cutting. 2½ ft.

	¼ oz.	Pkt.
418. Giant Peach Blossom .....	1.00	.15
419. Rosy Carmine .....	1.00	.10
420. Crimson .....	1.00	.10
421. Lavender .....	1.00	.10
422. Shell Pink .....	1.00	.10
423. White .....	1.00	.10
424. Purple .....	1.00	.10
425. Rose .....	1.00	.10
426. Finest Mixed .....	1.00	.10
427. Violet King .....	1.00	.10
428. Purity White .....	1.00	.10
429. Daybreak Lavender .....	1.00	.10

**GIANT SINGLE MARGUERITE.**—This beautiful variety has come into great favor. The plants are of vigorous habit, large flowers with long beautifully twisted petals, borne on long, strong stems.

410. Dark Blue .....	1.00	.10
411. Deep Rose .....	1.00	.10
412. Lavender .....	1.00	.10
413. White .....	1.00	.10
414. Mixed .....	1.00	.10

### ASTER (Perennial Varieties)

**MICHAELMAS DAISY.**—These showy perennials may be easily raised from seed and make attractive, autumn flowering border plants. If seed is sown very early in spring they will bloom the following autumn.

440. Alpinus Speciosus. Purple, 1 ft. ....	.10
441. Bessarabicus. Blue, 2 ft. ....	.10
442. Gymnocephalus. Rose, 2 ft. ....	.10
443. Mixed .....	.10
444. White Queen. Pure white, free-flowering	.10



**ABOBRA.**—A very pretty climber with dark green foliage and scarlet fruit; suitable for planting out during the summer.

10. *Viridiflora*. hhP, 6 ft..... .10

**ABRONIA.**—Sweet scented, verbenalike trailers, suitable for growing in rock gardens and similar locations. Tender perennial.

15. *Arenaria*. Yellow ..... 1.50 .10

16. *Umbellata Grandiflora*. Rose ..... .25 .10

17. *Villosa*. Purple ..... 1.00 .10

**ABUTILON.**—Free-flowering greenhouse shrubs excellent for conservatory decoration and for bedding out of doors in the summer. Seeds sown indoors in Feb. or March produce flowers the same season. 5 ft. Tender perennial.

20. Choice Hybrids. Mixed ..... 1.00 .15

21. *Tennysonian*. Mixed ..... 1.00 .10

25. **ACACIA**. *Dealbata*. Golden yellow. Tender perennial shrub with graceful branches and sweet scented flowers. 8 to 10 ft.... .15

**ACANTHUS.**—Stately perennial plants with beautiful ornamental foliage; useful for decorative purposes. 3 ft.

30. *Mollis*. Pure white ..... .50 .05

31. *Latifolius*. Purple ..... .50 .05

35. **ACHILLEA** *Ptarmica* (The Pearl). A very free-flowering hardy plant producing a wealth of pure white double flowers which are borne in clusters; blooms all summer. An excellent plant for rock work. 1/2 oz. 1.25 .15

40. **ACHIMENES**. Mixed. Fine summer blooming tender greenhouse perennial; valuable for pots or hanging baskets, 1 1/2 ft.... .25

**ACONITUM** (Monk's Hood).—A hardy plant with curious hood-shaped flowers adapted for planting among shrubs and in shady situations. 3 ft. Hardy Perennial.

45. *Napellus Blue* ..... .50 .10

46. *Napellus Alba*. White..... 1.00 .10

47. *Napellus Mixed* ..... .25 .10

**ACROCLINIUM.**—The acrocliniums are perhaps the most valuable of the everlasting, bearing pretty rose-pink and white flowers which should be cut, before they become fully expanded, and dried for winter decorations. 1 ft. Hardy Annual.

50. *Album*. Pure white ..... .30 .05

51. *Album*, Fl. Pl. Double white..... .30 .05

52. *Roseum*. Rose pink ..... .30 .05

53. *Roseum*, Fl. Pl. Double rose pink..... .30 .05

54. *Mixed* ..... .30 .05

60. **ADENOPHORA** *Lilifolia* Potanini. Beautiful hardy perennials with drooping bell-shaped flowers of a lovely light blue shade. 2 ft. .... .10

63. **ADLUMIA** *Cirrhusa* (Mountain Fringe). A hardy biennial climbing plant with foliage resembling the Maiden Hair Fern, and clusters of rosy lilac flowers; will blossom the first season from seeds. 15 ft..... .15

**ADONIS.**—Attractive plants with showy flowers and feathery foliage.

65. *Autumnalis*. Crimson, 1 ft..... .50 .05

67. *Vernalis*. Yellow, 1 1/2 ft..... 2.00 .10

70. **AETHIONEMA** *GRANDIFLORA*. A spreading, bushy perennial with an abundance of rosy-lilac flowers. 1 1/2 ft. .... .25

72. **AGATHEA** *COELESTIS* (Blue Marguerite). Tender perennial with small daisy-like flowers. Very useful for pot culture. 2 ft.... .15



*Ageratum Blue Perfection*

## AGERATUMS

In many respects this Half Hardy Annual is one of the most desirable summer flowering plants we have. It may be used alone for beds and borders, or planted in connection with geraniums, coleus, cannas, etc. The plants grow well almost anywhere. If the seed is started in a box in the house, or in a hot-bed in the beginning of April and transplanted to where they are intended to bloom about the end of May, an abundance of flowers will be produced until hard frost. Seed sown in August will produce plants for winter flowering.

Oz. Pkt.

75. *Ada Bowman*. Light blue; fine for beds or edgings, 9 inches ..... \$1.00 \$0.10

76. *Blue Perfection*. Dark blue; fine for beds; very choice, 1 1/2 ft. .... 1.00 .10

78. *Dwarf Blue*. Deep blue, 9 inches ..... .60 .05

79. *Dwarf White*. Clear white, 9 inches.... .60 .05

80. *Lasseauxi*. Rose; 1 ft..... 1.00 .10

73. *Little Blue Star*. A miniature compact plant with very small flowers; exceptionally good for edging or rockwork; 4 inches.... .25

81. *Little Dorrit*. Azure blue, 6 inches..... .75 .05

82. *Little Dorrit*. White, 6 inches..... .75 .05

83. *Mexicanum Album*. White; 1 ft..... .50 .05

84. *Mexicanum*. Lavender blue, 1 ft..... .60 .05

85. *Mexicanum*. Mixed; 1 ft..... .60 .05

86. *Nanum Luteum*. Pale yellow, 9 inches... 1.25 .10

87. *Princess Victoria Louise*. White, azure blue stamens, 9 inches..... 1.00 .10

88. *Dwarf Roseum*. Rose, 9 inches..... 1.00 .10

100. **AGROSTIS** *NEBULOSA*. A feather-like grass suitable for bouquets. Hardy Annual, 1 ft. .... 1/4 oz. .50 .10

**ALONSOA.**—Suitable for conservatory decoration and bedding out of doors during summer. Half-Hardy Annual.

104. *Albiflora*. White, 1 1/2 ft..... .40 .05

105. *Grandiflora*. Scarlet, 2 ft..... .40 .05

**ALSTROEMERIA.**—Exceedingly attractive flowers resembling lilies borne on long slender stems; of great value as a cut flower. Half-Hardy Perennial.

112. *Pulchella*. Yellow and red, 3 ft..... .15

113. *Mixed*. 3 ft..... 1.50 .15



**AGROSTEMMA.**—A free-flowering border plant with attractive flowers that are excellent for cutting. The annual varieties are very attractive when grown in groups.

**Annual Varieties**

90. Coeli Rosa (Rose of Heaven). Rose color, 1 ft. ....	Oz. .30	Pkt. .05
91. Coeli Rosa Alba. Pure white, 1 ft. ....	.60	.05

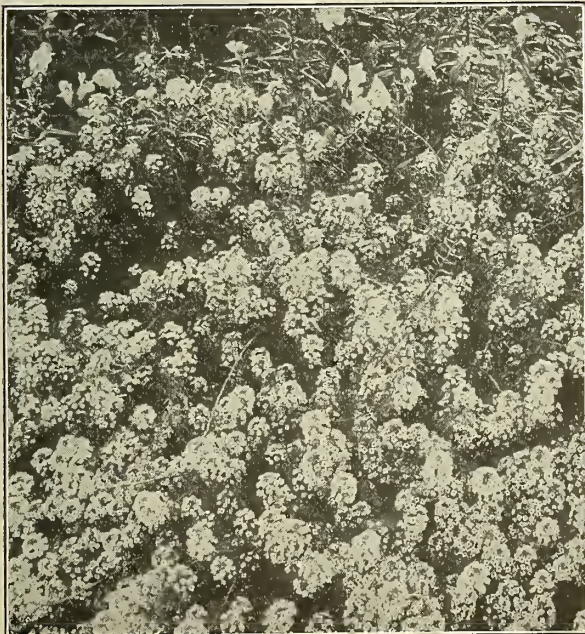
**Perennial Varieties**

92. Coronaria Alba. Pure white, 1½ ft. ....	.75	.05
93. Coronaria Rosa (Rose Campion). Rose color, 1 ft. ....	.50	.05
94. Flos Jovis (Joves Flower). Deep pink, 1 ft. ....	.75	.10
95. Hybrida Walkeri. Bright pink, 1 ft. ....	½ oz. .50	.15
96. Mixed. 1½ ft. ....	.60	.15

**SWEET ALYSSUM**

The Sweet Alyssum is a Hardy Annual so well known and such a general favorite that it is scarcely necessary to call special attention to it here. It is of the easiest culture both indoors and out, and is suitable alike for beds and edging in summer or for growing in pots and boxes for winter blooming. It will stand considerable cold in the open ground and may be sown early; it blooms throughout the entire season until destroyed by hard frost. For winter flowering sow the seed in August or September.

114. Lilac Queen. Distinct new variety of the annual Sweet Alyssum with pure lilac flowers. The plants are of dwarf, compact, upright growth and resemble when in full bloom a tiny Candytuft. Equally as useful for carpet-bedding or ribboning as the other white flowering dwarf varieties. ....	.15	
115. Maritimum. White, very fragrant, 9 inches ....	.30	.05
116. Little Dorrit. Very compact, fine for borders, 6 inches. ....	1.00	.10
118. Little Gem. White, grand for edging, 6 inches ....	.50	.05
119. Procumbens (White Carpet). White, trailing habit, 6 inches. ....	1.00	.10
120. Saxatile Compactum (Gold Dust). hP. A single plant in one year will produce hundreds of bright yellow flowers, 1 ft. ....	.75	.10



Sweet Alyssum

**AMARANTHUS.**—Very striking plants on account of their beautiful varicolored foliage and peculiar mode of blossom. The leaves are always largest when plants are grown on rich soil, but rather poor soil enhances the coloring. The seed can be sown in the house, or in a hot-bed, and transplanted to the place where wanted for effect. Half-Hardy Annual.

126. Bicolor Ruber. Red, 3 ft. ....	.60	.05
127. Caudatus (Love Lies Bleeding). Red, 3 ft. ....	.30	.05
128. Cruentus (Prince's Feather). Crimson, 3 ft. ....	.30	.05
129. Princess of Wales. Crimson and yellow, 2 ft. ....	1.00	.10
130. Salicifolius (Fountain Plant). Red, 2½ ft. ....	1.00	.05
132. Tricolor Splendens (Joseph's Coat). Scarlet and yellow, 3 ft. ....	1.00	.10
133. Finest Mixed ....	.50	.05
140. AMBROSIA Mexicana. Sweet-scented hardy annual, fine for bouquets; yellow, 1 ft. ....	1.00	.10
142. AMMOBIUM Grandiflorum. A very pretty pure white everlasting annual. Gather the flowers before fully expanded to preserve for winter. 3 ft. ....	.30	.05

**AMPELOPSIS.**

145. Quinquifolia (Common Woodbine, or Virginia Creeper). A vine of most vigorous growth. The foliage is glossy green in the summer, turning to intense crimson in the autumn ....	.30	.05
146. Veitchii (Boston, or Japanese Ivy). Used generally (more especially in Boston) to cover walls, its fine shoots extending to the roofs of tall buildings. The vine can be made to grow on wood. In the fall the leaves assume the most gorgeous and varied tints. The young plants require some covering in winter the first year or two. ....	.50	.05

**ANCHUSA.**—Ornamental hardy perennials with blue flowers resembling those of the Forget-me-not. 2 ft.

150. Angustifolia. Blue ....	1.00	.10
151. Barrelleri. Double blue. ....		.10
152. Capensis. Purple ....	.60	.05
153. Italica Dropmore Var. This is a great improvement on the above varieties. We think this is one of the finest herbaceous plants grown. The flowers are of a most lovely shade of gentian blue; excellent for cutting .... ¼ oz. ....	.75	.15

**ANEMONE (Wind Flower).**—Hardy perennials blooming in the spring and autumn. The Japonica varieties produce a wealth of bloom from August until frost.

160. Coronaria. Mixed, 1 ft. ....		.10
161. St. Brigid. Poppy-flowered, mixed, 1 ft. ....		.10
162. Japonica (Queen Charlotte). Pink, 2 ft. ....		.15
163. Japonica Rosea. Rose color, 2 ft. ....		.10
164. Japonica Alba. Pure white, 2 ft. ....		.20
165. Japonica Pennsylvanica. Pure white, 1½ ft. ....		.10
166. Japonica Sylvestris (Snowdrop Wind Flower). Pure white, 1½ ft. ....		.10

**ANTHEMIS (Chamomile).**—Splendid hardy perennials with bright yellow flowers, fine for cutting.

170. Arabica. Yellow, 1 ft. ....	.60	.05
171. Tinctoria. Yellow, 2 ft. ....	.80	.10
ANTHERICUM.—Beautiful white, fragrant, lily-like flowers; excellent for cutting.		
175. Liliago (St. Bernard's Lily). White, 1½ ft. ....		.10
176. Liliastrium (St. Bruno's Lily). White with green-spotted petals, 2½ ft. ....		.10





Antirrhinum  
**ANTIRRHINUM**  
(Snapdragon)

These showy perennials can be treated as annuals by sowing the seed under glass during January or February. The tall sorts are fine in borders. The dwarf make splendid beds. They prefer a light, warm, but a well enriched soil. Seed sown outdoors in May will produce satisfactory results. If grown indoors they require about the same temperature and treatment as carnations. Most of the varieties are fairly hardy and will live through winter if well covered.

Three good Greenhouse varieties which we consider the best for use under glass:

Nelrose. A beautiful shade of silvery pink.  
Phelps White. Very free-flowering pure white.  
Silver Pink. True silver pink.

Each variety 35c pkt., 3 pkts. \$1.00

Tall Grandiflora Varieties. 2 Feet		Oz.	Pkt.
177. Cloth of Gold, Breck's Special Strain...		.15	
178. Maximum (Purple King). Purple.....		.25	
179. Cottage Maid. Handsome pale pink.....	1.00	.10	
180. Queen Victoria. Pure white.....	1.00	.10	
181. Crimson. Deep shade.....	1.00	.10	
182. Pink. Deep pink.....	1.00	.10	
183. Scarlet. Very brilliant.....	1.00	.10	
184. Yellow. A pure soft color.....	1.00	.10	
185. Striped. Odd markings.....	1.00	.10	
186. White. Fine for cutting.....	1.00	.10	
187. Mixed. Choice mixture.....	.80	.10	
Semi-Dwarf. 1½ Feet			
189. Mont Blanc. Pure white, large.....		.15	
190. Salmon Queen. (New) beautiful salmon rose .....	2.00	.15	
191. Queen of the North. Pure white.....	1.25	.10	
192. Golden Queen. Clear yellow.....	1.25	.10	
193. Black Prince. Nearly black.....	1.25	.10	
194. Coral Pink. Deep rose, white throat....	1.25	.10	
195. Crimson King. Deep shade.....	1.25	.10	
196. Scarlet King. Very brilliant.....	1.25	.10	
198. Cottage Maid. Soft pink, white throat..	2.00	.10	
197. Mixed. Choice mixture.....	1.00	.10	
Tom Thumb Varieties. 8 Inches		¼ oz.	Pkt.
3700. Crimson .....	.75	.10	
3705. Rose .....	.75	.10	
3710. Pure White .....	.75	.10	
3715. Sulphur Yellow .....	.75	.10	
3720. Mixed .....	.75	.10	

## AQUILEGIA

(Columbine)

This family is one of the most beautiful and popular among hardy perennials. The different varieties present an unusual wealth of color and form. For growing in borders or filling up bays in shrubbery they are unsurpassed. Seed sown in the house, in March will frequently produce bloom the same year. It is best, however, to sow seed out of doors when ground warms up. Any ordinary garden soil is suitable for their growth. The flowers are fragrant.

	¼ oz.	Pkt.
200. Alba, Fl. Pl. Double white, 2 ft.....		.10
201. Breck's Long Spurred Hybrids, 3 ft. Choice mixed. This strain is the finest we can procure. The colors range through the most beautiful combinations of blue, bright rose, pink, mauve, white, yellow and orange.		.25
202. Californica Hybrida. Yellow and orange, 2 ft. ....		.20
203. Canadensis. Orange, 1 ft.....	.50	.10
205. Chrysantha. Yellow, 3 ft.....	.50	.10
206. Chrysantha, Fl. Pl. Double yellow, 3 ft.	1.00	.20
207. Coerulea Hybrida. Blue and yellow, 3 ft.	1.00	.25
208. Glandulosa Major. Blue and white, 3 ft.	.50	.10
209. Jaetschaui. Yellow and red, 2 ft.....	.75	.10
210. Olympica. Blue, 2 ft.....	.50	.10
211. Olympica, Fl. Pl. Blue and white, 2 ft..	.50	.10
212. Skinneri. Scarlet and yellow, 1½ ft....		.25
213. Stuarti. Blue and white, 1½ ft.....		.25
214. Single Mixed. Various colors...Oz. 2.00		.10
215. Double Mixed. Various colors...Oz. 1.00		.05
216. Veitch's New Single Hybrids. Choice mixture .....		.20
220. ARABIS Alpina (Rock Cross).—One of the showiest border or rock plants, producing masses of pure white fragrant flowers. Will grow well in rather shaded positions. Early-flowering hardy perennial. Height, 6 to 9 inches.....	Oz. Pkt.	.60 .05
ARCTOTIS.—These plants grow freely in any ordinary soil. Seeds should be started in a hot-bed early and transplanted to the open ground in May.	¼ oz.	Pkt.
222. Breviscapa. Orange, 1½ ft.....	1.00	.25
223. Grandis. Pure white, light blue centre, 2 ft. ....		.20 .05
225. ARGEMONE Grandiflora (Prickly Poppy). Large glaucous foliage and poppy-like white flowers. Hardy annual. 2 ft.....	Oz. Pkt.	.50 .05
ARISTOLOCHIA (Dutchman's Pipe).—One of the best climbing vines, with immense heart-shaped leaves of a deep rich green color, invaluable for covering walls and trellises.		
227. Elegans. Half-hardy perennial.....		.10
228. Siphio. Hardy perennial.....		.15
ARMERIA (Thrift or Sea Pink).—Fine for edgings or borders. The bright tufted flowers are produced all summer. Hardy perennial.		
230. Formosa. Dark crimson, ½ ft.....	.75	.05
231. Maritima Splendens. Deep pink, 1 ft....	2.00	.10
235. ARNEBIA Cornuta.—Free-flowering annuals with purple-spotted, yellow blossoms; fine for cutting. 1 ft.....		.10
237. ARUNDO Donax Fol. Variegata.—Tall-growing ornamental grass with graceful leaves, striped green and yellow. 15 ft....		.10
240. ASCLEPIAS Tuberosa (Milk Weed).—An excellent border plant with flat clusters of brilliant orange flowers. Hardy perennial. 2½ ft. ....	2.50	.10



## ASPARAGUS.

245. Plumosus Nanus. Valuable for hanging baskets and table decorations on account of its graceful finely cut foliage..100 seeds 1.00	Oz.	Pkt.
		.25
246. Sprengeri. Valuable as a pot plant for conservatory decoration. Very useful for bouquets, wreaths or sprays.....	1.00	.15

**ASPERULA.**—A trailing plant with leaves particularly good for bouquets. They are also very fragrant and when dried, are used to scent clothes. 1 ft.

250. Azurea Setosa. Blue, annual...¼ oz.	.20	.50	.05
251. Odorata (Woodruff). White, perennial. ¼ oz.	.25		.10

**ASPHODELUS** (Hardy Perennial).—Showy border plants with long spikes of white and yellow flowers. They do well in almost any soil.

255. Albus. White, 2 ft.....	.20
256. Luteus. Yellow, 4 ft.....	.10

**AUBRIETIA.**—Dwarf spring-flowering perennials. Valuable for planting in rock gardens and borders. Height 4 inches.

445. Bougainvillei. Purple .....	.20
446. Leichtlinii. Rosy earmine.....	.20
447. Deltoidea Grandiflora. Lavender.....	.15
448. AVENA STERILIS (Animated Oats). Fine annual border grass. 2½ ft.....	.30 .05

630. BALLOON VINE (Cardiospermum halicacabum).—Climbing vine of rapid growth with white flowers and seed vessels which resemble miniature balloons. Light warm soil suits them best. Hardy annual.....	.25	.05
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## BALSAM

**IMPATIENS BALSAMINA.**—Magnificent summer and autumn flowering annuals. A rich sandy loam is most suitable for them. They must be kept well watered. If transplanted several times the plants have a tendency to dwarf and produce more double flowers. Seed may be started early in heat or outdoors in May. Balsams are not often given room for perfect development; they will easily cover 12 to 18 inches of space each way if given fair treatment.

449. Breck's Special Mixture. A magnificent strain, including a wide range of colors....	2.00	.25
450. Double White. 2 ft.....	1.00	.10
451. Double Red. 2 ft.....	1.00	.10
452. Camellia-Flowered, Alba Perfecta. 2 ft.	1.50	.10
453. Camellia-Flowered. Mixed, 2 ft.....	1.50	.10
—Collection, 6 distinct colors, 2 ft., 25c.		
455. Carnation Striped. Mixed, 2 ft.....	1.00	.10
456. Rose-Flowered. Mixed, 2 ft.....	1.00	.10
—Collection, 6 distinct colors, 2 ft., 25c.		
457. Dwarf Double. Mixed, 1½ ft.....	.75	.05
458. Choice Mixture. 1½ ft.....	.50	.05
465. BAPTISIA AUSTRALIS.—Blue. An excellent perennial for hardy borders; bright blue, pea-shaped flowers borne in spikes. 2 ft. ....	.25	.10

467. BARTONIA AUREA.—A splendid annual succeeding best when grown in partial shade or in a moist situation. Flowers golden yellow. 2 ft.....	.50	.05
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**BEANS** (Phaseoli Multiflora).—Well-known annual climbers with ornamental flowers and foliage, and long edible pods.

2385. Scarlet Runner .....	.30	.05
2386. White Runner .....	.30	.05
2387. Butterfly Runner. Pink and white....	.10	

## BEGONIAS

Begonias are valuable for pots and bedding out; especially adapted for slightly shady places. Seed should be sown from January to March in brisk heat in shallow, well-drained seed pans, filled with a compost of leaf-mould, loam, and sand. Cover the seed pans with glass to prevent rapid evaporation at the outset. Prick off when very small, and pot when large enough into 3 inch pots, giving a shift into larger size when necessary.

Pkt.

## Tuberous-Rooted Varieties

474. *Begonia Hybrida Pendula*. One of the new drooping tuberous rooted Begonias; may be used in the same way as the Ivy Leaved Geranium. The pretty hanging shoots are tightly covered with strangely formed, loosely double flowers, giving a striking effect when used in hanging baskets; is of rapid growth; grows well either in a half shaded or wholly shaded place, but plenty of air is required. The flower petals are very long and narrow, somewhat turned and waved, giving the flower a pleasing effect; range in color from light rose to earmine, and sometimes a salmon shade.

.25

475. Breck's International Prize. Single, mixed, 1½ ft. The seed is the produce of the finest and newest varieties selected for their large size and perfect form. The shades include orange, yellow, white, light pink, crimson, etc.....

.50

476. Breck's International Prize. Double, mixed. 1½ ft. A superb strain, producing a very large percentage of double flowers..

.50

## Fibrous-Rooted Varieties

470. *Erfordia Rubra*. Deep red, 1 ft.....

.50

471. *Erfordia Grandiflora Superba*. Pink....

.50

**GRACILIS.**—Splendid for groups and conservatory decoration; flowers all summer. 1 ft.

472. Pure White .....

.25

473. Pink .....

.25

486. Scarlet (Bonfire) .....

.25

477. *Rex Ornamental-Leaved*. This handsome and highly decorative foliage variety is largely grown on account of the great diversity and beautiful combination of colors. 1 ft. ....

.25

**SEMPERFLORENS.**—Very free-flowering with miniature foliage, most useful for borders or where dwarf bedding is desired and continues in bloom till late in the fall.

478. White. 1 ft.....

.20

479. Rose. Soft rose, 1 ft.....

.20

480. Vernon. Blood red, 6 inches.....

.25

495. *BIGNOLIA RADICANS* (Trumpet Vine). Rapid-growing, hardy vine with dark green foliage and clusters of trumpet-shaped flowers, dark red with orange throats. 15 to 20 ft. ....

.10

497. *BOCCONIA JAPONICA* (Plume Poppy).—White. An elegant, tall-growing perennial with broad glaucous foliage and white flowers. Good for planting among shrubs. 8 ft.

Oz. Pkt.  
.60 .05

499. *BOLTONIA LATISQUAMA*.—Lavender-lilae. An excellent autumn flowering perennial producing an abundance of flowers that resemble fall asters. 5 ft.....

.15

**BRACHYCOME** (Swan River Daisy).—Dwarf compact-growing annual with an abundance of daisy-like blue flowers. Fine for edging. 6 inches.

502. *Iberidiflora* (Little Blue Star).....

.20



**BELLIS PERENNIS**

**DOUBLE ENGLISH DAISY.**—The English Daisies are very popular spring-flowering, perennial plants; they are very often used for bedding with Pansies, Forget-me-nots, Silenes, etc. They grow about 4 inches high and have a flowering season from May until Sept. They are easily grown. Seed can be sown either in spring or in mid-summer. They require protection in a cold frame during winter.

	Oz.	Pkt.
486. Breck's Giant Double White. Larger than Snowball; each plant has very few flowers but they are enormous in size.....		.25
489. Breck's Giant Double Pink. Similar to above except in color.....		.25
490. Snowball. Pure white.....	4.00	.20
491. Giant Red. Very rare.....		.20
492. Longfellow. Pink .....	4.00	.20
493. Double. Mixed .....	3.00	.10

**BRIZA.**—The well-known Quaking Grass; cultivated as a garden ornament. 2 ft.

505. Gracilis .....	.30	.05
506. Maxima .....	.30	.05
508. BROOM ("White Gem.")—Pure white flowers borne on long upright stems; excellent for winter flowering and decorative purposes .....		.10

**BROWALLIA.**—Beautiful free-flowering annuals, extensively grown as pot-plants for winter flowering. 1½ ft.

514. Speciosa Major. Bright blue, 1½ ft....		.25
515. Elata. Dark blue, 1½ ft.....	1.00	.10
516. Alba. White, 1½ ft.....	1.00	.10
517. Purpurea. Purple, 1½ ft.....	1.50	.10
518. Mixed .....	1.25	.10

520. <b>BUPHTHALMUM SALICIFOLIUM</b> ¼ oz. Pkt. (Ox-Eye Daisy).—A showy perennial for the hardy border; large, single, yellow flowers with brown centres.....	.40	.10
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**CALANDRINIA.**—Very pretty annuals that bloom best when grown in sunny situations; seeds should be started in heat in March and transplanted to the open border in May.

	Oz.	Pkt.
535. Grandiflora. Rose, 1 ft.....	1.00	.05
536. Speciosa Alba. White, ½ ft.....	.50	.05
537. Umbellata. Crimson, ½ ft.....	2.00	.10

**CALCEOLARIA**

Sow in pans or shallow boxes filled with light soil in the greenhouse in a temperature of 56 to 60 degrees. Cover seed about 1/32 inch with fine sifted soil and press firmly with a board. Water with a fine spray when necessary, never allowing the soil to become dry. When large enough transplant to small pots.

550. Breck's Scotch Prize. Mixed. Grown for us by a specialist, and is a great improvement in these gorgeous plants. Flowers are beautifully blotched and striped in exceedingly rich colors of yellow, maroon, crimson, white, etc. ....	.50	
551. James' Giant. Mixed.....	.50	
552. Large-Flowered Selfs. Mixed.....	.50	
553. Giant Spotted. Mixed.....	.50	
554. Dwarf Large-Flowered. Mixed.....	.50	
555. Rugosa. (Shrubby) for bedding. Mixed.	.25	



Calendula (Pot Marigold)

**CALENDULA**

(Pot Marigold)

"The Marigold of Shakespeare's time." One of the most popular and easily grown hardy annuals. The plants are free-flowering and do well in almost any situation, although they prefer a warm, loose soil. They bloom the whole season. It is usual to sow the seeds where the plants are intended to stand, but they will bear transplanting. Calendula make good pot plants and flower freely during the winter.

	Oz.	Pkt.
559. Lemon Queen. (Special Strain). Large beautiful flowers .....	.35	.05
560. La Proust. Buff, 1½ ft.....	.25	.05
561. Meteor. Creamy centre edged with orange, 1 ft.....	.25	.05
562. Nankeen. A beautiful shade, yellow, 1 ft.	.25	.05
563. PRINCE OF ORANGE. Orange, selected strain, 1 ft.....	.40	.05
564. Pluvialis (Cape Marigold). White, 1 ft.	.25	.05
565. Ranunculoides (Garden Marigold), 1 ft..	.25	.05
566. Sulphurea, Fl. Pl. Pale yellow, 1 ft....	.30	.05
568. Double, mixed .....	.25	.05

**CALLIRHOE** (Mallow).—Trailing plants with saucer-shaped flowers; useful for borders and rock work. 1 ft.

570. Involutrata. Crimson .....	1.00	.10
571. Pedata Nana Compacta. Deep rose.....	.75	.05

**CACALIA** (Tassel Flower).—Hardy annual with showy trusses of tassel-like flowers; blooms profusely from July to October.

	¼ oz.	Pkt.
530. Aurea. Yellow .....	.20	.05
531. Coccinea. Scarlet .....	.20	.05





Candytuft, Breck's Giant White

**CANDYTUFT**  
(Iberis)

Very showy, branching annual plants that produce flowers which embrace nearly all shades of red, purple and white. A succession of sowings lengthens the season of bloom. Seed sown outdoors in spring will produce flowers from July until September. Is very effective for beds, borders, etc., and useful for pot culture during winter. Grown extensively by florists for cutting.

	Oz.	Pkt.
605. Breck's White Giant. The best large-flowered white variety. It produces giant spikes of pure white flowers. Excellent for greenhouse culture; for outdoor bedding it is unexcelled .....	1.00	.10
606. Breck's Improved White Spiral. White, 1½ ft. ....	.80	.05
607. Carmine. 1 ft. ....	.50	.05
608. Dunnett's Crimson. 1 ft. ....	.30	.05
609. Empress. White, 1 ft. ....	.60	.05
610. Giant Hyacinth-Flowered. White, 1 ft..	1.00	.05
611. Little Prince. A dwarf Empress. White, ¾ ft. ....	.50	.05
613. Rocket. White, 1 ft. ....	.25	.05
614. Rose Cardinal. Rose, 1 ft. ....	1.00	.10
615. Queen of Italy. Pink, 1 ft. ....	1.00	.10
616. Purple .....	.25	.05
617. Breck's Improved. Mixed, 1 ft. ....	.40	.05
618. Dwarf Hybrid. Mixed, ¾ ft. ....	2.00	.10
619. Hybrida Rosea .....	1.50	.10

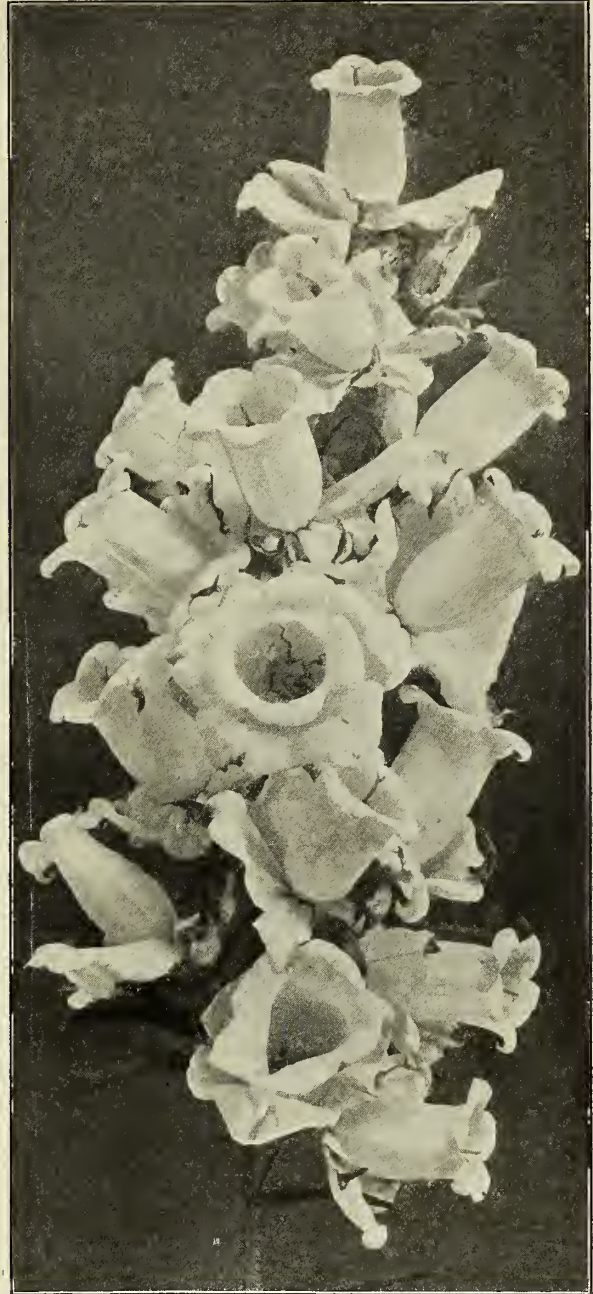
**Perennial Varieties**

Dwarf, compact-growing perennials having dark green, glossy foliage and clusters of flowers that completely cover the plant.

1545. Gibraltarica. Pink .....	3.00	.10
1546. Jucunda. Crimson .....		.25
1547. Sempervirens (Evergreen Candytuft). White .....	3.00	.10

**CANNA** (Indian Shot).—Rapid-growing bedding plants with luxuriant foliage and brilliant flowers. Soak the seed in warm water until they become swollen then sow in light sandy soil about ½ inch deep, and place in a hot-bed

625. Dark-Leaved Varieties. Mixed, 4 ft. ....	.50	.05
626. Green-Leaved Varieties. Mixed, 4 ft. ....	1.00	.05
627. Variegata. Mixed, 4 ft. ....	1.00	.10
628. Crozy's Large-Flowered. Mixed, 4 ft. ....	.40	.10



Campanula Calycanthema

**CAMPANULA**

Very well-known, useful and attractive annuals, biennials and perennials. The annual varieties should be sown in April or May, the biennials in May or June, and the perennials in June and July.

**Biennial Varieties**

**CALYCANTHEMA** (the popular cup and saucer Canterbury Bell).—It is without doubt the finest type of this old-fashioned and beautiful garden plant. The calix, which is extra large and of the same color as the trumpet, enhances the beauty of the flower and gives it the appearance of a cup and saucer. When grown in pots for conservatory decoration the plants are very effective; they transplant well. 2½ ft.

	Oz.	¼ oz.	Pkt.
579. Mauve .....			\$0.15
580. Blue .....	\$3.00	\$0.80	.15



	Oz.	¼ oz.	Pkt.
581. Rose .....	3.00	.80	.15
582. White .....	3.00	.80	.15
583. Mixed .....	2.00	.60	.10
Medium (Single Canterbury Bells).—This is the old-fashioned variety with large bell-shaped blossoms. 2½ ft.			
584. Mauve .....	.75	.25	.05
585. Blue .....	.75	.25	.05
586. Rose .....	.75	.25	.05
587. White .....	.75	.25	.05
588. Mixed .....	.75	.25	.05
Medium (Double Canterbury Bells).—2½ ft.			
590. Mixed .....	1.75	.50	.10
591. Blue .....	2.00	.60	.10
592. Rose .....	2.00	.60	.10
593. White .....	2.00	.60	.10

## Perennial Varieties

594. <i>Carpatica Blue</i> (Carpathian Hare Bell). Free-flowering with erect, clear blue flowers. Very useful for edging; it blooms all summer. 6 inches.....	.25	.05
595. <i>Carpatica Alba</i> . White form of the preceding .....	.25	.05
596. <i>Persicifolia Grandiflora Blue</i> . One of the finest of the hardy bell-flowers, 2½ ft.....	1.00	.15
597. <i>Persicifolia Alba</i> . Extra long spikes of pure white flowers, 2½ ft.....	1.00	.15
604. <i>Persicifolia Gigantea Moerheimi</i> . A beautiful variety with large, double, pure white flowers, 2 ft.....	.25	
598. <i>Pyramidalis Compacta Alba</i> (The Chimney Bellflower). Very nice as a border plant. As a decorative plant for conservatories or corridors this variety is invaluable, 3 ft.....	.10	
599. <i>Pyramidalis Compacta Blue</i> . Blue form of the preceding.....	.10	
603. <i>Rotundifolia</i> (Blue Bells of Scotland). Pale blue; of slender, graceful habit.....	.15	

## Annual Varieties

The annual *Campanulas* are very free-blooming, of compact growth, and suitable for edging. 6 inches.

	Oz.	Pkt.
600. <i>Speculum</i> (Venus' Looking Glass). Mixed colors .....	.50	.05
601. <i>Attica Blue</i> .....	.10	
602. <i>Attica Alba</i> .....	.10	
710. <i>CENTRANTHUS</i> .—Mixed, 1½ ft. A free-flowering, bushy annual with clusters of long tube-like flowers that grow freely in any soil .....	.40	.05
715. <i>CEPHALARIA ALPINA</i> .—A handsome border perennial with sulphur-yellow flowers, 3 to 4 ft.....	.75	.05
720. <i>CERASTIUM TOMENTOSUM</i> (Snow in Summer).—An herbaceous perennial with silvery foliage and small white flowers; valuable for carpet-bedding, edgings and rock work, 4 inches.....	.15	
<i>CHELONE</i> .—A good border plant with brilliant Pentstemon-like flowers and grassy foliage. Hardy perennial. 2 ft.		
730. <i>Barbata Torreyi</i> . Scarlet.....	1.50	.10
731. <i>Hybrida</i> . Mixed .....	1.00	.10
<i>CHLORIS</i> .—A pretty grass with silky flowers, good for bouquets and very effective in borders. Hardy annual. 1 to 1½ ft.		
735. <i>Barbata</i> .....	.75	.05
736. <i>Elegans</i> .....	.75	.05



Celosia, Crimson Plume

## CELOSIA

(Cockscomb)

The *Cristata* sorts have become very popular for bedding; their beautifully formed, highly colored flowers are very attractive and effective. The *Plumosa* class is splendid in both foliage and flower, very suitable for vases, borders, etc. The "Ostrich Feather" produces large plumes, beautifully curved and curled. Seed should be sown in a hot-bed in March or April and transplanted to pots when large enough to secure early flowers.

## CELOSIA CRISTATA NANA. Height, 9 Inches

	¼ oz.	Pkt.
636. <i>Chamois</i> . Fawn .....	\$0.75	\$0.10
637. <i>Copper-Color</i> . Bronze .....	.75	.10
638. <i>Dark Crimson</i> .....	.75	.10
639. <i>Empress</i> . Crimson .....	.75	.10
640. <i>Glasgow Prize</i> . Crimson .....	1.25	.10
641. <i>Golden Yellow</i> .....	.75	.10
642. <i>Queen of Dwarfs</i> . Rose.....	.75	.10
643. <i>Scarlet</i> .....	1.00	.10
644. <i>Violet</i> .....	.75	.10
645. <i>Vesuvius</i> . Scarlet .....	.75	.10
646. <i>Mixed</i> .....	.50	.10
Collection, 12 dwarf sorts, 60c.		

CELOSIA PLUMOSA (*Thompsoni Magnifica*)

	¼ oz.	Pkt.
649. <i>Breck's Yellow Plume</i> . Deep golden yellow, 2 ft. ....	.25	
650. <i>Breck's Crimson Plume</i> . Bright crimson .....	.25	
652. <i>Golden Yellow</i> . 2 ft.....	.60	.10
653. <i>Thompsoni Magnifica</i> . Crimson, 2 ft....	.60	.10
654. <i>Breck's Choice Mixed</i> .....	.25	
655. <i>Ostrich Feather</i> . Crimson, 3 ft.....	.40	.05
656. <i>Ostrich Feather</i> . Orange, 3 ft.....	.40	.05
657. <i>Ostrich Feather</i> . Mixed .....	.40	.05





Centaurea

**CENTAUREA**

**C. Cyanus** is the favorite Bachelor's Button, or Ragged Sailor. This class is of the easiest culture and produces an abundance of bright colored and beautifully formed flowers throughout a very long season. The strain of seed we offer embraces everything desired in color and form. Sow seed early outdoors and thin out the plants to 6 or 8 inches apart, or in boxes in the house, and transplant when large enough.

**CYANUS (Bachelor's Buttons).**

Hardy annual, 1 ft.

 $\frac{1}{4}$  lb. Oz. Pkt.**Single Varieties**

666. Emperor William. Blue.....	1.00	.30	.05
667. Brown .....	1.00	.30	.05
668. Red .....	1.00	.30	.05
669. Pink .....	1.00	.30	.05
670. Victoria. Blue .....		.60	.10
671. Lilac .....		.30	.05
672. Purple .....		.30	.05
673. White .....		.30	.05
674. Single. Mixed .....		.30	.05

**Double Varieties**Oz.  $\frac{1}{4}$  oz. Pkt.

665. Breck's Double Blue (Emperor William) .....	1.00	.30	.10
663. Rose Pink .....	1.25	.40	.10
664. White .....	1.25	.40	.10
675. Choice Mixed .....	.60	.20	.10

**IMPERIALIS (Giant Sweet Sultan).**—This variety represents the best that has been produced in these beautiful summer flowering plants. The flowers will keep in water for over a week if cut just when about to open. They are forced under glass quite extensively by florists.

685. Alba. White, 3 ft., hA.....	1.25	.35	.10
686. Armida. Lilac, 3 ft., hA.....	1.25	.35	.10
687. Favorita. Rose, 3 ft., hA.....	1.25	.35	.10
688. Purpurea. Purple rose, 3 ft., hA...	1.25	.35	.10
689. Splendens. Dark purple, 3 ft., hA..	1.25	.35	.10
690. Mixed. 3 ft., hA.....	1.00	.30	.10

**CENTAUREA (Continued)****MOSCHATUS (Sweet Sultan).**

Oz. Pkt.

691. Rosea. A new variety of annual Sweet Sultan which grows about 3 ft. high; the color of the flower in opening is a delicate rosy-white changing to tender rose-pink later. The plants are of the same size and form as the white and purple varieties. This is a splendid variety for cutting purposes..	2.00	.15
695. Choice Mixed .....	.60	.05
696. Suaveolens. Yellow .....	1.00	.05
697. Blue .....	1.00	.05
698. White .....	1.00	.05
680. Americana. Flowers rosy-lilac often measuring 4 inches across, 3 ft.....	$\frac{1}{4}$ oz. .50	Pkt. .10
681. Americana Alba. Pure white.....		.25
700. Odorato Chameleon. Yellow and rose, very fragrant, 1½ ft.....		.10
701. Margaret. Flowers pure white, 2½ inches across .....	Oz. 1.25	Pkt. .10

**Half-Hardy Perennials**

These varieties are widely used for carpet-bedding and edging and thrive almost anywhere. A little care is necessary in watering young seedlings.

704. Candidissima (Dusty Miller). Broad, silvery foliage, 1 ft.....	$\frac{1}{2}$ oz. 1.00	.20
706. Gymnocarpa. Narrow silvery foliage, 1 ft. ....	1.00	.10

**Perennial Varieties** $\frac{1}{4}$  oz. Pkt.

702. Montana Blue. Large blossoms of deep blue .....	.60	.15
708. Montana Alba. Pure white.....	1.50	.15
703. Babylonica. Yellow .....	.25	.10

**CARNATIONS**

**Half-Hardy Perennials.** Marguerite, Breck's Selected Strain.—The earliest of all Carnations. If sown in early spring they will bloom in July or August and continue until frost. Being half-hardy, a slight protection of coarse straw or pine boughs during the winter will preserve them, and they will flower abundantly the next summer. 1 ft.

1044. Marguerite. Scarlet .....	1.00	.10
1045. Marguerite. Rose .....	1.00	.10
1046. Marguerite. White .....	1.00	.10
1047. Marguerite. Violet .....	1.00	.10
1051. Marguerite. Yellow .....	1.50	.15
1048. Marguerite. Mixed .....	.75	.10
1049. Marguerite, Malmaison. A greatly improved strain from an unexcelled collection and producing extra large flowers. 1 ft.....		.25
1050. Marguerite, Giant Mixed. 1½ ft.....	1.00	.15
1052. Giants of Nice. We have an exceedingly fine strain of this variety which is a strong robust grower. Very large flowers of many nice colors. 1½ ft.....		.50
1053. Chabaud Perpetual. Very free-flowering with a wide range of colors. 1½ ft.....		.25
1054. Dwarf Perpetual. Choice mixed, 1 ft..		.10
1073. Grenadin. Double scarlet, very early; strongly recommended .....		.25
1074. Grenadin. Double white, very early; strongly recommended .....		.25
1079. Scoticus, Fl. Pl. Scotch pink.....		.25

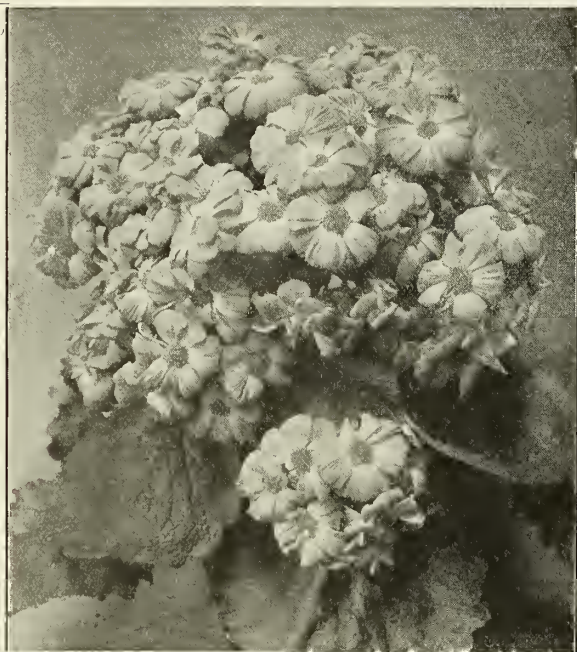
(For Hardy Varieties, see Dianthus)

**CLEMATIS**

Beautiful climbing vines with glossy green leaves and star-shaped flowers which completely cover the vines. Good for covering walls and trellises. Hardy perennial. 15 ft.

805. Flammula (Virgin's Bower). White....	.05
806. Paniculata. White .....	.05
807. Large-Flowering Hybrids. Mixed.....	.20





Cineraria

**CINERARIA**

To produce good plants for decorative purposes sow in May or June. These magnificent plants are indispensable for spring decoration in the conservatory or window garden.

- |   |     |  |
|---|-----|--|
| 785. Breck's Columbia Mixed. Seed is saved for us by one of the foremost growers in England from prize varieties and contains a magnificent range of colors.....  | .50 |  |
| 787. James Prize. Choice varieties mixed....  | .50 |  |
| 789. Stellata (Star Cineraria). Mixed. A splendid plant for conservatory decoration during the winter and spring. The immense heads of flowers are borne on long stalks, the individual blooms are star-shaped..... | .25 |  |
| 783. Matador. Glowing scarlet.....  | .50 |  |

**Foliage Varieties**

- |   |      |     |
|---|------|-----|
| Suitable for ribbon beds and edging. Half-hardy perennial.  |      |     |
| 791. Maritima (Dusty Miller). Silvery green foliage, 1 ft.....  | .40  | .05 |
| 792. Candidissima. Silver foliage, 1 ft.....  | .40  | .05 |
| <b>CLARKIA.</b> —Sow the seed in the open border in April. They are of easy cultivation; very pretty and free-flowering, the double varieties being especially beautiful. Good for cutting. Hardy annual. 1½ ft.  |      |     |
| 803. Queen Mary. This is a lovely Rose Carmine flower, double, free flowering, the brightest color of any Clarkia yet produced and very much admired at the recent International Horticultural Exhibition in England. Annual.....                                   | .15  |     |
| 804. Orange King. Color very bright orange, even brighter than Vesuvius, introduced a few years ago; flowers are very double, plant grows to a height of about 2 ft. Will make useful plants for pot culture, for conservatory work or for open ground. Annual..... | .15  |     |
| 795. Elegans Alba. Pure white.....  | .50  | .05 |
| 796. —Rosea. Dwarf rose.....  | .50  | .05 |
| 797. —(Purple King). Double purple.....   | .60  | .05 |
| 798. —(Salmon Queen). Salmon-pink.....  | .50  | .05 |
| 799. Pulchella. Mixed.....  | .30  | .05 |
| 800. Pulchella. Mixed, single and double....  | .75  | .10 |
| 802. Flegans (Vesuvius). Double scarlet....   | 1.25 | .15 |
| 810. CLEOME PUNGENS (Spider Plant).—A pretty plant with curious heads of pink flowers. Hardy annual. 2 ft.....  | 1.50 | .10 |

**CHRYSANTHEMUMS****Annual Varieties**

All the summer flowering chrysanthemums are very effective and showy plants for beds and borders, besides affording an immense material for cutting. Sow seed where the plants are wanted to bloom and thin out to 9 inches apart; earlier flowering plants can be had by sowing early in March in a cold frame, and transplanting when large enough.

	Single	Oz.	Pkt.
754. Tricolor (Evening Star). Golden yellow		.60	.10
757. —(Eclipse). Brown, yellow.....		.50	.05
758. —(Burridgeanum). White and red....		.50	.05
759. —Purple crown .....		.50	.05
760. —Scarlet .....		.40	.05
761. —White .....		.40	.05
762. —Yellow .....		.40	.05
764. —Choice mixed .....		.30	.05

**Double**

742. Coronarium. Crimson .....	.40	.05
745. —Album. White .....	.40	.05
746. —Yellow .....	.40	.05
747. —Sulphurea. Primrose .....	.40	.05
749. —Choice mixed .....	.40	.05
755. Tricolor. Golden-leaved .....	1.00	.10
756. —Dunnett's. Golden yellow.....	1.00	.10
763. —Finest mixed .....	1.00	.10
765. —Fringed Hybrids. Mixed .....	.30	.15
767. Inodorum (Bridal Robe). Pure double white flowers carried well above the dark green foliage; very useful for floral work of all kinds.....		.10

**Half-Hardy Perennial Varieties**

768. Frutescens (White Paris Daisy). An excellent plant for the greenhouse or summer bedding outdoors. 1½ ft.....	.10
769. Comtesse de Chambord (Yellow Paris Daisy). 1½ ft.....	.10
776. Chinese Mixed. An extra fine variety for greenhouse or autumn flowering. 3 ft.	.20
777. Chinese and Pompon Mixed. Very free-flowering with small flowers; very desirable. 2½ ft. ....	.20
778. Japanese Mixed. Extra large double flowers with long twisted petals.....	.20
780. Chinese and Japanese Mixed.....	.20

**Hardy Perennial Varieties**

771. Maximum Perfection. (Select stock). ¼ oz. Pkt. Large white flowers; a handsome cut flower. 3 ft. ....	.50	.10
772. King Edward VII. The most beautiful of the Maximum varieties; flowers large, pure white and very perfect. 3 ft.....	.75	.15
773. Shasta Daisy. Large white flowers.....		.10
782. Leucanthemum Secundum. White.....		.25

**CHRYSURUS AUREUS**

743. Hardy Annual. Yellow, 1 ft. A desirable grass of free growth with golden spikes, useful for cutting.....	Oz.	Pkt.
		.05

**CLINTONIA PULCHELLA**

820. Hardy Annual. Blue and white, ¾ ft. A lobelia-like plant, charming for edging or rock-work .....	.10
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**COREOPSIS**

(Calliopsis)

A species of very showy annual and perennial plants that are invaluable for garden decoration and cutting. They enhance the color of the garden by the wealth of bright yellow flowers, which is strengthened in some sorts by disks of rich crimson, maroon and various shades of brown. The perennials are all hardy border plants and well worthy a place in every garden. The flowers last well when cut.

Oz. Pkt.

884. **FIRE KING**.—The flowers are of a deep bright scarlet. Very free flowering, the plant being a mass of blooms. As many as 700 blooms have been counted on one plant. 18 in. high ..... .15

**Annual Varieties**

885. **Radiata** (Tiger Star). Yellow and brown,  $\frac{3}{4}$  ft. .... 1.50 .10  
 886. **Radiata** (Dark Brown). Brown,  $\frac{3}{4}$  ft. ... 1.00 .10  
 890. **Atrosanguinea**. hA, crimson, 2 ft. .... .35 .05  
 891. **California Sunbeams**. Shades of yellow, 2 ft. .... 1.50 .10  
 892. **Bicolor Marmorata**. Yellow and brown, 2 ft. .... .40 .05  
 893. **Bicolor Nana**. Mixed, 1 ft. .... .30 .05  
 894. **Tinctora**. Yellow and brown, 2 ft. .... .30 .05  
 895. **Coronata**. Yellow,  $1\frac{1}{2}$  ft. .... .40 .05  
 896. **Drummondii**. Yellow and brown. .... .30 .05  
 897. **Double Hybrids**. Var. colors,  $1\frac{1}{2}$  ft. .... .40 .05  
 898. **Tom Thumb Crimson King**.  $\frac{1}{2}$  ft. .... 1.50 .10  
 899. **Mixed**.  $1\frac{1}{2}$  ft. .... .30 .05

**Perennial Varieties**

900. **Grandiflora**. This is one of the best of hardy plants; the large, bright, showy yellow flowers are produced in abundance from June till frost. Easily grown from seed, and if sown early will flower the same year. 2 ft. .... .50 .05  
 901. **Lanceolata**. Yellow, 2 ft. .... 1.50 .05  
 902. **Perennials**. Mixed, various colors, 2 ft. .50 .05



Calliopsis, Fire King



Coreopsis (Calliopsis)

**COSMOS**

(Cosmea)

We especially recommend Breck's Massachusetts grown Cosmos as the most desirable and most satisfactory for growing in New England. Under ordinary cultivation they will begin to bloom in July and continue up to frost. The flowers are of good size and delicate shades. Sow seeds of Breck's Early Flowering varieties in open ground, in light warm soil, early in May and cover not more than half an inch deep. The seed germinates in about ten days. The Cosmos must have the full sunshine for successful growing. High-grade fertilizer, rich in potash, such as Breck's Lawn and Garden Dressing, gives best results. Seeds of the later varieties should be sown early in March in a hotbed or box in the house. When plants are 2 inches high transplant into 2-inch pots, when well established repot into 4-inch pots. Transplant to open ground in June.

**BRECK'S NEW EARLY GIANT**.—This wonderful New Cosmos makes a bushy plant and grows 4 to 5 feet high. It begins to bloom about the middle of July and bears large flowers 4 inches or more in diameter. The foliage is the same as the Late Flowering. Seeds should be sown in house or hotbed but can also be sown outdoors early in May.  $\frac{1}{4}$  oz. Pkt.

863. **Breck's Giant Crimson** ..... 1.00 .15  
 864. **Breck's Giant Pink** ..... 1.00 .15  
 865. **Breck's Giant White** ..... 1.00 .15  
 866. **Breck's Giant Mixed** ..... 1.00 .15

**LADY LENOX.**

Oz. Pkt.

868. **Pure White**. Enormous flowers. .... 1.00 .10  
 870. **Beautiful Shell-Pink**. Flowers of enormous size; very desirable for decoration... 1.00 .10



## COSMOS (Continued)

BRECK'S EARLY BLOOMING.		Oz.	Pkt.
871. Crimson.	3 ft.....	1.00	.10
872. Pink.	3 ft.....	1.00	.10
873. White.	3 ft.....	1.00	.10
874. Mixed.	Beautiful shades, 3 ft.....	1.00	.10
MAMMOTH.			
875. Pink.	5 ft.....	.50	.05
876. Red.	5 ft.....	.50	.05
877. White.	5 ft.....	.50	.05
878. Mixed.	5 ft.....	.50	.05
879. KLONDYKE.—Yellow.	hA, 4 ft.....	1.50	.10



Breck's Early Flowering Cosmos

825. CLITORIA COELESTIS (Blue Pea). Tender biennial, $\frac{3}{4}$ ft. A handsome greenhouse climber of easy culture.....	.80	.10
835. COCCINEA INDICA.—Tender annual. White, 6 ft. Climbing shrub with large white flowers and fruit of a red color when ripe .....	1.50	.10
CUPHEA (Cigar Plants).—Half-hardy perennials. Free-flowering plants with small tubular blossoms. 1 ft.		
945. Miniata. Crimson .....	1.50	.10
946. Compacta. Mixed .....	1.50	.10

## CYCLAMEN

(Giganteum)

The seed of these varieties has been carefully selected for us by one of the leading growers in England, and will produce immense flowers of the finest substance and the most charming shades. Sow any time during the summer, but preferably in July or August. The seedlings should be grown to the flowering stage without any check whatever.

	Pkt.
950. Breck's Imperial Mixed. Contains all the brilliant colors .....	.50
951. Blood Red. Dark red.....	.50
952. Brilliant. Dark pink.....	.50
953. Crimson King. Crimson.....	.50
954. Duke of Fife. Dark rose.....	.50
955. Mont Blanc. Pure white.....	.50
956. Princess May. Pink.....	.50
957. Prince of Wales. Red.....	.50
958. Rosy Morn. Rose.....	.50
959. Salmon Queen. Salmon pink.....	.50
960. Sunray. Pink and claret.....	.50
961. Excelsior. White with purple base.....	.50
965. Giant Fringed. Mixed.....	.50
967. Persicum Giganteum "Lemania." Pink and white .....	.50

## CYPERUS ALTERNIFOLIUS

(Umbrella Plant)

970. A greenhouse plant. The leaves, which are borne on long stems at the top, spread in the form of an umbrella.....	.10
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Ravine House, Randolph, N. H.,  
Sept. 28, 1916.

MESSRS. JOS. BRECK & SONS,  
Dear Sirs:—

The seeds you supplied me have produced a most wonderful display of flowers and have been the admiration of all who have seen them and I have received many compliments which I feel is part due to the "House of Brecks" for supplying really reliable seeds.

Yours truly,  
(Signed) FRANK HILL.



Cyclamen. Breck's Imperial Strain



## CONVOLVULUS

(Morning Glory)

Convolvulus Major is the old favorite, and grows rapidly to a height of 10 feet. The other two sorts are new and fine, especially the Japanese Morning Glory. They bear large and wonderfully colored flowers. The dwarf Morning Glory is suitable for growing in clumps or beds, and fine for hanging baskets, window boxes, etc.

915. Major (Morning Glory), hA, mixed colors .....	1/4 lb.	.25	.10	.05
916. Imperial Japanese, 20 ft., hA, mixed colors. A specially selected strain with a wonderful range of colors; the flowers are of enormous size, many of them being spotted, marbled, striped, flaked and splashed .....			.30	.05
917. Purpurea, Fl. Pl. (Double Morning Glory), hA, white and red.....			.50	.10
905. Minor (Dwarf Morning Glory), tricolor, 1 ft., hA, varied colors.....			.80	.05
906. Rose Queen, 1 ft., hA, rose.....			.50	.05
907. Splendens, 1 ft., hA, violet.....			.25	.05
908. White, 1 ft., hA, white.....			.80	.05
909. Mixed Colors. 1 ft.....			.20	.05
910. Mauritanicus, 1 ft., hhP, blue.....			1.00	.10

**COBAEA.**—Splendid climbers of vigorous growth, with large bell-shaped flowers. Seeds started in heat, setting them on edge and covering with half an inch of soil, will flower the first season. Half-hardy perennial.

831. Macrostemma. Yellow green.....			.10	
832. Scandens. Purple .....	1.00		.10	
833. Scandens Alba. Pure white.....	1.50		.15	

840. COIX LACHRYMA (Job's Tears). Hardy annual. 1 1/2 ft. An annual grass extensively grown for its pearly seeds which are used to make strings of beads for children.....	.20		.05	
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**COLEUS.**—Bedding plants with beautifully colored foliage. Easily grown from seed. The dwarf, large-leaved strain is especially desirable. The colors range from light to dark red; leaves beautifully marbled and spotted. Tender perennial.

845. Choicest mixed, 2 ft.....	.20			
846. Fringed and blotched, 2 ft.....	.20			
847. Large-leaved varieties, 2 ft.....	.20			
848. Large-leaved dwarf, 1 ft.....	.20			
849. Dwarf willow leaved, 1 ft.....	.20			

855. COLLINSIA.—Mixed. Hardy annual, 1 ft. Beautiful free-flowering plants for beds and mixed borders .....	.25		.05	
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860. COLLOMIA COCCINEA.—Hardy annual. Scarlet and yellow, 2 ft. Good for pot culture and bedding; fine for bees.....			.05	
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**CYPRESS VINE** (Ipomea Quamoclit).—Very pretty vine having clusters of star-shaped flowers and feathery green foliage. Half-hardy annual. 10 ft.

1578. Scarlet .....	.80		.05	
1579. White .....	.80		.05	
1580. Mixed .....	.80		.05	



Delphinium or Larkspur

## DELPHINIUM

Great improvement has been made in the form and colors of these splendid border perennials, and their vigor of growth has been increased. They are of easy culture, thriving in any good open, yet substantial soil; when well established they are of great value in mixed or shrubby borders, and for cutting purposes. (For annual varieties, see Larkspur, page 84.

Oz. 1/4 oz. Pkt.

997. Breck's Superb New Hybrids. Saved from a magnificent strain of all the best varieties, they range in color from delicate lavender through all shades to the most intense blue.....	2.00		.25	
1006. Cardinale. Scarlet with yellow center, 3 ft.....			.20	
1007. Cashmerianum. Very fine, dark blue, 2 ft.....			.25	
1008. Chinense. Light blue, 2 ft.....	1.00		.25	.05
1017. Chinense Album. Pure white, 2 ft.	1.00		.25	.05
1009. Elatum (Bee Larkspur). Rich blue shades with black centers, 4 ft.....		.75	.05	
1010. Formosum. Rich, dark blue, 3 ft.	2.00		.60	.10
1011. Grandiflorum. White, 2 ft.....		.50	.10	
1013. Nudicaule. Scarlet, 2 ft.....			.25	
1014. Zalil (Sulphureum). Sulphur yellow, 2 ft.....			.15	
1016. Belladonna. Beautiful turquoise-blue flowers. This variety is a very free and continuous bloomer from the end of June until frost; no hardy border is complete without it.....	2.00		.25	
1012. New, Large-Flowered Hybrids. From named varieties only.....	2.00		.20	



**DIANTHUS**

(Annual Pinks)

Single Varieties

All the single varieties have large flowers, their bright colors making them very desirable for beds or borders.

	Oz.	¼ oz.	Pkt.
1022. <i>Marginatus</i> . Silver edged, slightly fringed, 1 ft.....			.15
1029. <i>The Bride</i> . Very dwarf and compact; large flowers, pure white with crimson eye .....	1.50	.40	.10
1033. <i>Heddewigii</i> . Mixed .....	.75		.05
1036. <i>Laciniatus</i> . Mixed .....	1.00		.10
1037. <i>Crimson Belle</i> . Brilliant crimson .....	1.25	.40	.10
1038. <i>Salmon Queen</i> . Delicate salmon red .....		.50	.10

Double Varieties

1026. <i>Chinensis</i> (China, or Indian Pink). Choice mixed, flowers very double; blooms in clusters in a large variety of colors .....	.50		.05
1027. <i>Diadematus</i> (Double Diadem Pink). Finest mixed. Fine double flowers in various shades of crimson lilac purple with the outer edges fringed and nearly white .....		.50	.10
1028. <i>Imperialis</i> . Finest mixed.....	1.00	.30	.10
1030. <i>Heddewigii Alba</i> . Pure white....	2.50	.60	.15
1032. <i>Heddewigii</i> . Choice mixed.....	1.75	.50	.10
1039. <i>Laciniatus</i> . Choice mixed; extra fine, very showy, large double fringed flowers .....		.50	.10

**HARDY GARDEN, Grass or Spice Pinks.**—Delightful, refreshing spicy odor; should be in every garden where cut flowers are wanted. They make a very nice edging for a hardy border.

1070. <i>Double Orange</i> . Scarlet .....	1.50	.25	
1071. <i>Double White</i> .....	.75	.15	
1072. <i>Double Mixed</i> .....			.10
1075. <i>Plumarius Single Mixed</i> (Scotch or Pheasant Eye Pink). A beautiful single variety with fringed edges....	2.00		.10
1076. <i>Plumarius Double</i> . Double and semi-double flowers in great quantity .....		.75	.15
1077. <i>Semperflorens</i> (Everblooming Pink). Sweet-scented double, semi-double and single flowers, in beautiful colors .....			.15



Dianthus (Annual Pinks)



Digitalis or Foxglove

**DIGITALIS**

(Foxglove)

Excellent hardy perennials, producing long clusters of tubular flowers. Splendid for shrubberies, shady places and borders.

	Oz.	Pkt.
1094. <i>Breck's Selected Mixed</i> . Giant spikes of flowers in a splendid variety of color, 4 ft.	1.00	.10
1095. <i>Gloxiniiflora</i> . Mixed, 4 ft.....	.60	.05
1096. <i>Grandiflora</i> . Yellow, 4 ft.....	.60	.05
1097. <i>Maculata Superba</i> (Ivory Spotted), 3 ft.	.75	.05
1098. <i>Purpurea</i> (Common Red Foxglove). Purple, 3 ft.....	.40	.05
1099. <i>Alba</i> . White, 3 ft.....	.60	.05
1100. <i>Rosea</i> . Pink, 3 ft.....	.75	.05
1101. <i>Monstrosa Superba</i> . Mixed, 3 ft.....	1.50	.10
1102. <i>Mixed</i> . 3 ft.....	.50	.05

**DICTAMNUS** (Dittany, or Gas Plant).—An old garden favorite with fragrant, glossy foliage that gives forth an odor like lemon when rubbed in the hands; a great favorite with bees.

1090. <i>Fraxinella</i> . Purple .....	.50	.05
1091. <i>Fraxinella Alba</i> . White.....	1.00	.10



**Dimorphotheca Aurantiaca Hybrids****DIMORPHOTHECA (South African Daisy).** ¼ oz. Pkt.

1103. *Aurantiaca*. A rare and exceedingly rich flowering annual of easy culture. The plants, which are of neat branching habit, grow from 12 to 15 inches high and produce Marguerite-like blossoms 3 inches in diameter. The color, a beautiful deep golden-orange, is rendered more conspicuous by the dark disc in the center. .60 .15

1104. *Aurantiaca Hybrids*. These new, selected hybrids are like the parent, *Dimorphotheca Aurantiaca*, in habit and growth. The colors range from white to bluish and pinkish white, sulphur to golden yellow, salmon to rose and other delicate tints. These hybrids are a valuable addition to the class of plants which may be easily grown from seed. .15

1108. *Sinuata*. This is a new and distinct variety. The flowers are clear satiny buff with a bluish disc; when fully expanded the under sides of the petals are purplish red. The light green foliage is obtuse and sinuate. A novelty of great merit. .25

1109. *Dimorphotheca, Aurantiaca Hybrida Flora Plena*. (For description, see Novelty page number) .25

**DAHLIA.**—We offer seed from the finest collection in Europe. If the seed is started early in a hot-bed an abundance of flowers will be produced the same season. Dahlias like a rich, deep soil. The roots should be housed during winter.

975. Cactus. Mixed .....	.25
976. Double Grandiflora. Mixed .....	.25
977. Pompon. Mixed, 2 ft. ....	.25
978. Tom Thumb. Mixed, 1½ ft. ....	.25
979. Double Glory. Flowers vary in size from 1 to 3 inches and resemble <i>Scabiosa</i> . ....	.10
980. Monarch. Dark crimson; cross between a double and cactus; very large, semi-double	.10
981. Breck's Single Perfection. Mixed. ....	.10
982. Collarette. Single, mixed. ....	.20
983. Paeony Flowered. Mixed. ....	.20

**DATURA (Trumpet Flower).**—Handsome ornamental annuals with large trumpet-shaped flowers. 2 to 3 ft. In large clumps or borders of shrubbery these produce an excellent effect. They do well on light sandy soil.

	Oz.	Pkt.
990. <i>Cornucopia</i> . White, mottled with royal purple .....	1.00	.05
991. <i>Golden Queen</i> . Yellow .....	1.00	.05
992. <i>Humilis</i> . Double, yellow .....	.60	.05
994. <i>Annual Mixed</i> .....	.50	.05

1105. **DODECATHEON MEADIA (Cow-slip).**—An old-fashioned perennial with drooping, purple flowers, 1 ft. .... .10

**DOLICHOS (Hyacinth Bean).**—A rapid-growing, hardy annual climber with white or purple flowers which are followed by ornamental seed pods.

1110. <i>Lablab</i> . Purple, 10 ft. ....	.25	.05
1111. <i>Alba</i> . White, 10 ft. ....	.25	.05
1112. <i>Mixed</i> . 10 ft. ....	.25	.05

**DRACAENA.**—Beautiful ornamental foliage plants, useful for greenhouse and sub-tropical decoration; their graceful habit also makes them splendid bedding plants for lawns. *Indivisa* has narrow, green leaves. The under side of the midrib of *Veitchii* is a deep red.

1120. <i>Australis</i> . Green .....	.10
1121. <i>Indivisa</i> . Green .....	1.50 .10
1122. <i>Veitchii</i> . Red and green. ....	.10

1125. **ECHINACEA PURPUREA.**—A free-flowing perennial with large reddish-purple flowers, 3 ft. .... .10

1130. **ECHINOCYSTIS LOBATA (Wild Cucumber).**—Rapid growing vine with bright green foliage and clusters of white flowers. One of the best annual climbers for covering old fences, trellises, etc. Soak the seed in water for 20 hours before sowing. .... .25 .05

1135. **ECHINOPS RITRO (Globe Thistle).**—Magnificent perennial with large thistle-like heads of light blue flowers, 3 ft. .... .60 .05

1145. **EDELWEISS ALPINUM (Leontopodium Alpinum).**—A hardy perennial plant from the Swiss Alps; star-shaped white flowers, 6 inches .....
 .25 |

1160. **EREMURUS ROBUSTUS.**—A stately plant with long spikes of soft flesh pink flowers, 8 ft. .... .25

1165. **ERIANTHUS RAVENNAE.**—Resembles Pampas grass; graceful plumes, and variegated foliage .....
 .40 .05 |

1170. **ERIGERON AURANTIACUS.**—An excellent hardy perennial, producing orange flowers on stocky stems. .... .10

1175. **ERYNGIUM AMETHYSTINUM.**—Handsome ornamental hardy perennials, with beautiful thistle-like heads of azure blue, very finely cut foliage; excellent for winter bouquets .....
 .10 |

1176. **ERYNGIUM Giganteum (Sea Holly).**—Handsome species with small round flower heads of pale blue. .... ¼ oz. .25 .10

1205. **EUCALYPTUS GLOBULUS (Gum Tree).** A graceful greenhouse plant of very rapid growth; bluish foliage. .... .10

**EULALIA.**—Beautiful ornamental grasses having long graceful leaves and plume-like spikes of red-brown flowers; excellent for growing in clumps. Hardy perennials, 6 ft.

1215. <i>Japonica</i> .....	.10
1216. <i>Zebrina</i> .....	.10

1220. **EUPATORIUM FRASERI.**—A graceful perennial bearing clusters of white flowers, 2 ft. .... 1.00 .10





Eschscholtzia

**ESCHSCHOLTZIA**

(California Poppy)

Large showy flowers in shades of yellow, orange, rose and white. The foliage is bluish green and very attractive. For a display in beds and borders as well as for cutting, these flowers are very satisfactory. The plants are fairly hardy and seed may be sown quite early where wanted to bloom. Hardy annual.

	Oz.	Pkt.
1184. Erecta Crocea. Very fine double, large orange flowers, very like a Marechal Neil Rose .....	1.00	.15
1185. Erecta Compacta (Dainty Queen). Pale pink, lovely delicate shade.....	1.00	.15
1186. Erecta Diana. Rosy white petals, beautifully fluted, delicate and attractive.....	1.00	.15
1187. Erecta Compacta (Mandarin). Rich, deep orange, shaded crimson; fine compact habit .....	1.00	.10
1188. Californica Alba. Pure white.....	.30	.05
1190. Californica (Golden West). An improved strain of Californica yellow; orange centre, 1 ft.....	.40	.05
1191. Californica. Rose cardinal.....	.60	.05
1192. Fine Mixed. 1 ft.....	.30	.05
1195. Breck's Giant. Mixed .....	1.00	.10
1198. Double. Choice mixed, including all the new and beautiful shades.....	1.00	.10
<b>EUPHORBIA.</b>		
1225. Heterophylla. Glossy-green leaves, turning a brilliant orange scarlet about the middle of summer.....		.10
1226. Variegata (Snow on the Mountains). Fine for bordering, with its clusters of white flowers and foliage variegated green and white .....		.05
1240. FREESIA REFRACTA ALBA.—A fragrant bulbous plant, extremely useful for cut flowers. Tender perennial. white. 2 ft..		.15

**FUCHSIA.**—A handsome bushy plant with numerous bell-shaped flowers. Tender perennial.

	Oz.	Pkt.
1245. Hybrida. Singled, mixed .....		.50
1246. Hybrida. Double, mixed .....		.50

**FUNKIA.**—An excellent border plant with large leaves and clusters of fragrant flowers borne on spikes well above the foliage. Hardy perennial. 2 ft.

1250. Alba. White Plaintain Lily.....		.10
1251. Coerulea. Blue .....	.60	.10

**GAILLARDIA**

(Blanket Flower)

A genus of most beautiful plants bearing many brilliantly colored flowers. The perennial varieties have many daisy-like blossoms, mostly in the yellow shades with dark centres. The annual varieties are very showy and are well adapted for garden decoration and cutting. 1½ ft.

## Annual Varieties

1253. Lorenziana ("The Bride"). Double white .....	.80	.05
1255. Lorenziana. Double mixed.....	.50	.05
1256. Amblydon. Single deep red.....		.05
1257. Single. Mixed .....	.30	.05
1259. Breck's Superb Strain. Single mixed..	.50	.10

## Perennial Varieties

1264. Grandiflora Maxima. Yellow .....	1.00	.10
1265. Grandiflora Hybrida. Yellow and red..	1.00	.10
1266. Grandiflora Superba. Yellow and red..	1.25	.10

**GALEGA.**—Ornamental plants, with spikes of pea-shaped flowers; suitable for borders or cutting. Hardy Perennial, 2½ ft.

1275. Officinalis. Blue .....	.40	.05
1276. Officinalis Alba. Pure white.....	.60	.10

1280. **GAURA LINDHEIMERI.**—A gracefully branching plant bearing long spikes of white, rose-tinted flowers; blooms from seed the first season. Hardy perennial, white and red, 3 ft.....

1285. **GENISTA CANARIENSIS.**—A pretty, branching plant bearing clusters of bright yellow, pea-shaped flowers. Tender perennial, yellow, 2 ft.....

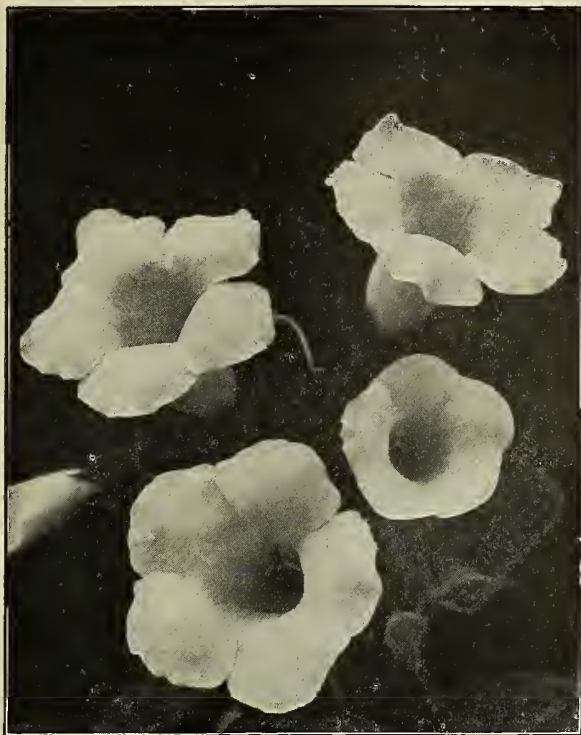
**GENTIANA.**—A dwarf growing, native perennial with very bright blue or yellow flowers.

1290. Acaulis (Blue Gentian). ½ ft.....	2.50	.10
1291. Crucata. Light blue, 1 ft.....	2.50	.10
1292. Lutea (Giant Gentian). Yellow, 3 ft...		.10



Gaillardia





Gloxinia, Avalanche

**GLOXINIA**

The Gloxinias are a magnificent race of summer-flowering plants. Their rich velvety green leaves and graceful tubular flowers make them invaluable for greenhouse and conservatory decoration.

- |  |          |
|--|----------|
| 1326. Avalanche. Pure white.....   | Pkt. .50 |
| 1329. Brilliant. Crimson .....   | .50      |
| 1330. Defiance. Scarlet .....  | .50      |
| 1331. Goliath. Purple .....  | .50      |
| 1332. Hetheret Hybrids. Mixed colors.....  | .50      |
| 1335. Breck's Giant Hybrids. Mixed. A magnificent strain saved from the newest and best sorts; the flowers are immense, of perfect form and beautiful colors. Handsome foliage ..... | .50      |

**GERBERA** (Transvaal Daisy).—A handsome plant with large daisy-like flowers, 3 to 4 inches across, on 12 to 18 inch stems. Unsurpassed as cut flowers on account of their splendid lasting qualities. They are easily grown from seed and will flower the first year. Half-hardy perennial, 1½ ft.

- |  |     |
|--|-----|
| 1300. Jamesoni Gigantea. Scarlet.....  | .20 |
| 1301. Hybrida. Mixed colors. A much improved strain of Jamesoni. The colors, which are exquisitely delicate and rich, include salmon, yellow, orange, rose, cerise, white, violet, and ruby-red. The beautiful long-stemmed flowers are excellent for bouquets. They last for a long time after cutting. When sowing it is advisable to plant each seed with the pointed end projecting just above the surface of the soil. 3 pkts. for \$1.00 ..... | .35 |

**GEUM**.—Fine herbaceous plants, well adapted for the hardy border. They produce an abundance of flowers suitable for cutting. 1½ ft.

- |  |         |          |
|--|---------|----------|
| 1304. Geum, Fl. Pl. (Mrs. Bradshaw). Very large double flowers of the brightest scarlet color; an excellent variety..... | Oz. .25 | Pkt. .10 |
| 1305. Coccineum, Fl. Pl. Double scarlet....  | .10     |          |
| 1306. Japonicum Atrosanguineum. Double crimson .....   | .20     |          |
| 1308. Finest Mixed .....   | 1.25    | .10      |

**GERANIUM**.—Elegant greenhouse plants having an immense variety of single and double flowers. Invaluable for bouquets and decorative purposes. Tender perennial. 2 ft.

- |                                     |         |          |
|-------------------------------------|---------|----------|
| 2290. Apple Scented. Pink.....      | Oz. .20 | Pkt. .20 |
| 2292. Double Scarlet .....          | .25     |          |
| 2294. Ivy Leaved. Mixed.....        | .20     |          |
| 2296. Zonale. Single, mixed.....    | .50     |          |
| 2298. Show Pelargoniums. Mixed..... | .50     |          |

1295. **GERARDIA HYBRIDA**.—A free-flowering plant, bearing spikes of yellow and purple flowers. Must be given protection in the winter. Mixed, half-hardy perennial, 1 ft..

**GILIA**.—Old-fashioned hardy annuals suitable for borders and rock work. They bloom profusely throughout the season and thrive in almost any situation. 1 ft.

- |  |     |     |
|--|-----|-----|
| 1316. Tricolor. White, lilac and purple..... | .30 | .05 |
|--|-----|-----|

**GODETIA**

Magnificent hardy annuals, producing numerous delicately-colored flowers; especially attractive when grown in masses. 1 ft.

- |  |      |     |
|--|------|-----|
| 1339. Schamini, Fl. Pl. Double rose. Long sprays of large double Clarkia-like rose colored flowers. Very effective for bedding or cut bloom; if cut as soon as buds are fully developed it will last a long time in water. 2 ft..... | 1.00 | .10 |
| 1340. Crimson Glow. Dazzling crimson.....  | 2.00 | .10 |
| 1342. Duchess of Albany. White.....  | 1.00 | .05 |
| 1343. Gloriosa. Red .....  | 1.00 | .10 |
| 1344. Lady Albemarle. Crimson.....   | .60  | .05 |
| 1345. The Bride. White and crimson.....  | .40  | .05 |
| 1346. Breck's Snowflake. White.....  | 1.00 | .10 |
| 1347. Yellow Queen. Yellow.....  | .60  | .05 |
| 1348. Mixed .....  | .80  | .05 |



Godetia



**GLOBE AMARANTH**

(Gomphrena)

These are old favorites for winter bouquets, formerly called "Bachelor Buttons." The flowers are globular in form, of delicate colors, and retain their beauty for years. They should be grown in good rich loam. 1½ ft.

	Oz.	Pkt.
1355. Aurea Superba. Orange.....	.30	.05
1356. Globosa Alba. White.....	.30	.05
1357. Globosa Rosea. Rose.....	.30	.05
1358. Globosa Striata. Striped.....	.30	.05
1359. Globosa Violacea. Violet.....	.30	.05
1360. Globosa Mixed .....	.30	.05
1365. Globosa Nana Compacta Rubra. Red, 1 ft. ....	.50	.05
1366. Globosa Nana Compacta Alba. White, 1 ft. ....	.50	.05

**GOURDS**

(Ornamental)

Quick-growing, interesting annual climbers, useful for covering arbors, walls or fences. Ornamental foliage, with fruit in many peculiar shapes.

920. Acatangulus (Rag, or Dish-cloth Gourd).	.30	.05
930. Angora. White spotted fruit.....	.40	.05
931. Apple-shaped. Small fruit.....	.40	.05
932. Bottle-shaped. Ornamental and curious	.40	.05
933. Dipper-shaped. Used as dippers by the natives in tropical countries.....	.40	.05
934. Egg-shaped. White nest-egg.....	.40	.05
921. Erinaceous (Hedge-Hog Gourd).....	.30	.05
922. Flexuosus (Snake Cucumber).....	.30	.05
935. Gooseberry-shaped. Small and very odd	.40	.05
936. Hercules' Club. Long white.....	.40	.05
937. Lemon-shaped .....	.40	.05
938. Orange-shaped .....	.40	.05
939. Pear-shaped .....	.40	.05
940. Sugar Trough. Used as water bolders..	.40	.05
941. Mixed .....	.25	.05

1370. GRASSES (Ornamental).—Mixed. This mixture contains all the most beautiful and desirable annual varieties of ornamental grasses. They are excellent plants for growing in groups on the lawn, along borders, and in mixed flower beds.....

.40 .05

1375. GREVILLEA ROBUSTA (Silk Oak).—Fern-like foliage. A fine decorative plant for house and greenhouse; it may be easily grown from seed. 4 ft.....

1.50 .10

GYNERIUM (Pampas Grass).—Stately, bardy grasses, with long, graceful foliage topped by silvery plumes which often reach a height of 14 ft. Require protection in winter.

1380. Argenteum. Gray.....

.10

1381. Jubatum. Gray. More slender than the preceding .....

.10

GYPSOPHILA (Baby's Breath).—Busby, free-blooming plants, producing great numbers of small white flowers in loose, graceful panicles. They are especially valuable in making up bouquets.

**Hardy Annuals**

1382. Breck's Giant White. Pure white....

.50 .05

1386. Elegans Alba. White, 1 ft.....

.30 .05

1387. Elegans Rosea. Rose, 1 ft.....

.30 .05

1388. Muralis. Red, 1½ ft.....

1.00 .05

**Perennial Varieties**

1385. Cerastioides. White, ¾ ft.....

.10

1389. Paniculata (Compacta Improved). White,  
2 ft. ....

.60 .05

HELENIUM (Sneezewort).—Showy hardy perennials bearing large, daisy-like, golden yellow flowers. Valuable for cutting.

1400. Hoopesii. Orange, yellow, 4 ft.....

.10

1401. Bigelowii. Yellow, 4 ft.....

.10

1402. Autumnale Superbum. Yellow, 4 ft....

.10

**Helichrysum**

1405. HELIANTHEMUM ALPESTRE (Sun Rose). Dwarf plant with narrow deep green foliage and bright yellow flowers. Suitable for rock work or edgings on account of its trailing habit. Hardy perennial.....

.10

HELICHRYSUM.—The best known of all the everlastings. The bright colored flowers are of large size. They should be gathered when partially unfolded and suspended with their heads downward in a cool place. They prefer a rich loamy soil. 1 to 2 ft.

1440. Bracteatum. Yellow.....

.40 .05

1441. Album. White.....

.40 .05

1442. Fireball Monstrosum. Crimson.....

1.25 .10

1443. Monstrosum Album, Fl. Pl. Double  
white .....

1.25 .10

1444. Monstrosum Luteum, Fl. Pl. Double  
yellow .....

1.25 .10

1445. Monstrosum Purpureum, Fl. Pl. Double  
purple .....

1.25 .10

1446. Monstrosum Roseum, Fl. Pl. Double  
rose .....

1.25 .10

1447. Monstrosum Double. Mixed.....

1.00 .05

1448. Nanum, Fl. Pl. Mixed.....

1.00 .05

HELIOPSIS.—Pretty branching perennial plants with numerous large yellow blossoms, resembling sunflowers. Fine for cutting; blooms all summer. 3 to 4 ft.

1455. Laevis. Orange, yellow.....

.10

1456. Pitcheriana. Yellow.....

.10

HELIOTROPE (Heliotropium).—Greenhouse shrub having oval-shaped green leaves and heads of small fragrant flowers that completely cover the plant. They are splendid bedding and pot plants.

1460. Chieftain. Deep purple, 2 ft.....

.15

1461. Snowball. White, 2 ft.....

.10

1462. Giant Hybrids. Mixed, 2 ft.....

.10

HESPERIS (Sweet Rocket).—Old garden favorites, having splendid clusters of fragrant purple and white flowers useful for cutting. Hardy perennial, 2½ ft.

1475. Mixed .....

.50 .05

1476. Matronalis. Purple .....

.50 .05

1477. Matronalis Alba. White.....

.50 .05

1480. HEUCHERA SANGUINEA (Coral Bells). A very desirable herbaceous perennial, blooming from spring until late in the fall. Small, red, bell-shaped flowers borne in loose panicles on stout stems well above the tufts of heart-shaped leaves; splendid for rock-work. 2 ft.....

.20



**HIBISCUS**  
(Mallow)

Vigorous growing plants, producing handsome flowers, often 6 inches across. Fine for mixed beds and borders.

Annual Varieties		Oz.	Pkt.
1485. Africanus (African Rose). Yellow and brown, 5 ft.....		.30	.05
1488. Crimson Eye. White and crimson, 5 ft.		1.00	.10

Perennial Varieties		Oz.	Pkt.
1484. Moscheutos Roseus. Pink, 5 ft.....		.75	.10
1486. Moscheutos Alba. White, 5 ft.....		.75	.10
1487. Palustris Roseus. Rose, 4 ft.....		2.00	.10

**HELLEBORUS** (Christmas Rose).—Hardy perennial plants that can be easily forced under glass and made to bloom at any desired time during the winter. They have large divided leaves and cup-shaped flowers about 2½ inches across.

1470. Niger. White, 1 ft.....	.10
1471. New Hybrids. Mixed, 1 ft.....	.20



Hollyhock, Breck's Silver Medal

**HOLLYHOCK**  
(Althaea Rosea)

All selected English Grown

Breck's Silver Medal strain of seed is superior to any in vigor of growth, texture, quantity and range of color.

Although Hollyhocks are perennials, young plants produce larger flowers and fresher colors than old ones, therefore we recommend the sowing of seed every year. Plants will flower the same year from seed sown in the greenhouse in January and grown on in pots until time for setting outdoors. Sowings can also be made from May to August for the following year's flowering; when the plants are large enough, transplant to a rich, cool soil, giving each at least a foot of space for growth. The permanent border or location in which they are set should be dug deep and well manured. Abundance of water should be supplied throughout the entire season of growth.

1499. Breck's Special Selected Strain. This is a selected strain of Single, Double and Fringed varieties, with a great range of the most beautiful colors.....

	Oz.	2.00	.60	.10
1500. Chater's Double. Apple blossom..	2.00	.60	.10	
1501. ———Blush white .....	2.00	.60	.10	
1502. ———Canary yellow .....	2.00	.60	.10	
1503. ———Carmine .....	2.00	.60	.10	
1504. ———Crimson .....	2.00	.60	.10	
1505. ———Lemon yellow .....	2.00	.60	.10	
1506. ———Dark maroon .....	2.00	.60	.10	
1507. ———Pink .....	2.00	.60	.10	
1508. ———Rose .....	2.00	.60	.10	
1509. ———Salmon pink .....	2.00	.60	.10	
1510. Newport Pink. Double flowers of a beautiful pure pink.....			.15	
1511. ———Violet purple .....	2.00	.60	.10	
1512. ———Pure white .....	2.00	.60	.10	
1513. ———Yellow, dark ground.....	2.00	.60	.10	
1515. Breck's Silver Medal. Mixed. Very choice, contains every desirable color, 6 ft. ....	2.50	.75	.10	
1516. Chater's Double. Mixed.....	2.00	.60	.10	
1517. Double. Mixed .....	1.75	.50	.10	

	Oz.	Pkt.
1518. Single. Mixed .....	1.00	.10
Collection, 12 distinct colors, \$1.00.		

1519. Allegheny. Mixed. Semi-double, fringed flowers .....	1.50	.10
1495. Double. Annual, mixed.....	1.50	.10

1525. HORDEUM JUBATUM.—Gray. 2 ft. Squirrel Tail Grass. Annual.....		.10
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1530. HUMEA ELEGANS.—A fragrant, grass-like plant, popular on account of its beautiful drooping foliage. Perennial. Red, 4 to 6 inches .....		.20
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**HUMULUS** (Hop).—Popular climbing vines having dense luxuriant foliage, valuable for covering trellises and verandas.

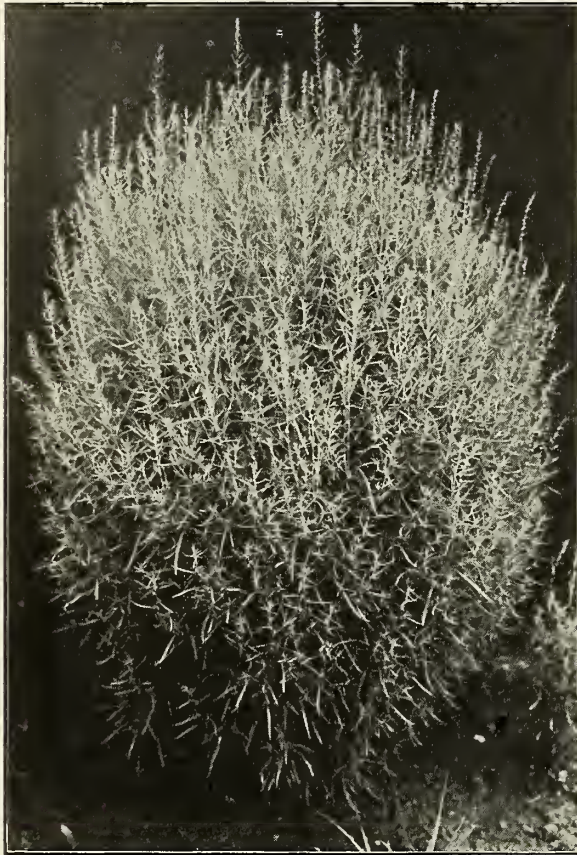
Annual Varieties			
1535. Japonica. Green foliage, 20 ft.....		.50	.05
1536. Variegata. Variegated foliage, 20 ft..		.80	.10

Perennial Variety			
1537. Lupulus (Common Hop). 25 ft.....			.15

1200. HUNNEMANNIA FUMARIAEFOLIA (Giant Yellow Tulip Poppy).—This is the best poppy for cutting as it remains in good condition for several days. Seed for July flowering should be sown early in May. The plants, which grow about 2 ft. high, produce large golden-yellow, poppy-like flowers until late fall. The foliage is a fine glaucous green .....	1.25	.10
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1540. HYPERICUM ELEGANS (St. John's Wort).—A pretty yellow-flowered perennial which succeeds best in a light warm soil. 1 ft. ....		.10
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Kochia Trichophylla (Mexican Firebush)

**IPOMAEA**

Popular rapid-growing climbers, remarkable for their showy flowers of pink, white, blue and scarlet colors. They are excellent vines for covering arbors, trellis, etc., their luxuriant foliage combined with their fragrant flowers forming a beautiful dense screen.

	Oz.	Pkt.
1570. Bona Nox (Evening Glory). White....	.30	.05
1571. Coccinea (Star Ipomaea). Scarlet.....	.30	.05
1572. Heavenly Blue. Blue.....	1.00	.10
1573. Hederacea Superba (Ivy Leaved). Blue.	.30	.05
1574. Limbata Elegantissima. Blue and white .....	.30	.05
1575. Mexicana Grandiflora Alba (Moon Flower). Large white flowers, 5 to 6 inches in diameter .....	1.00	.10
1576. Noctiflora. White .....	1.00	.10
1577. Setosa (Brazilian Morning Glory). Rose colored flowers.....	1.00	.10
1581. Hybrida (Cardinal Climber). Scarlet. Considered the most beautiful and distinct type of annual climber introduced in many years. Strong and rapid grower, attaining the height of 30 feet or more with attractive foliage covered with a blaze of bright cardinal red flowers from July till frost, which are 1½ inches in diameter, borne in clusters of 7 or 8. It delights in a warm sunny location and good soil. Sow seed indoors in April and transplant outdoors when danger from frost is past, or sow seed outdoors about May 15th where plants are wanted to bloom.....	.15	

**IMPATIENS.**—A fine, bushy, greenhouse plant bearing many brilliant single flowers throughout the season. Blooms almost continuously. Perennial.

	Oz.	Pkt.
1555. Sultani (Perennial Balsam). Scarlet, 1 ft. ....		.10
1556. Hybrids. Mixed.....		.10

**1560. INCARVILLEA DELAVAYI.**—A handsome plant with long green leaves and strong stalks bearing large Gloxinia-like flowers. Hardy perennial. Rose, 2½ ft.....

.20

**1585. IRIS KAEMPFERI** (Japanese Iris).—This variety is now extensively grown in the hardy garden. They bloom the second year from seed. If you wish quick results, it will be necessary to buy the plants, of which we have an excellent strain. Hardy perennial, mixed .....

1.00 .10

**1565. INULA ENSIFOLIA.**—A common perennial bearing many aster-like blossoms; useful for rock-work. Yellow, 1½ ft.....

.10

**1636. KENILWORTH IVY** (Linaria Cymbalaria).—A creeping, ivy-like plant which bears small but very pretty blue flowers with yellow throat. Splendid for hanging baskets

2.50 .10

**1590. KOCHIA TRICHOPHYLLA** (Mexican Firebush, or Summer Cypress).—A bushy annual which in summer might easily be taken for an evergreen of the Irish Juniper type when viewed from a distance. The plant turns a deep red in autumn. 3 ft....

.50 .05

**2565. KUDZU VINE** (Pueraria Thunbergiana).—A remarkably fast growing vine with large green leaves and clusters of pea-shaped flowers. When well established it will grow from 40 to 60 feet in a season. The plant dies back to the ground in the winter. Hardy perennial .....

1.50 .10

**LARKSPUR****Annual Varieties**

One of the best hardy annuals lasting a long time in flower. In order to have blossoms from July until frost the seeds should be sown in the open as early as possible. exceptionally good for cutting.

**BRECK'S GIANT STOCK-FLOWERED.**—This is the finest strain of Larkspur we can procure,

3800. Rosy Scarlet. Very striking color....	1.50	.15
3803. Lilac .....	1.00	.10
3804. Flesh Pink .....	1.00	.10
3805. White .....	1.00	.10
3806. Dark Rose .....	1.00	.10
3807. Dark Red .....	1.00	.10
3808. Dark Blue .....	1.00	.10
3809. Mixed, from named varieties.....	1.00	.10
998. Azure Fairy. Cambridge blue. (For description see Novelty page).....		.25
999. Blue Butterfly. Lovely salvia blue, bushy form. Free-flowering, fine bedding plant, 1 ft. ....	¼ oz.	.60
1002. Dwarf Double Rocket. Mixed, 1 ft....	.50	.05
1003. Tall Double Rocket. Mixed, 2½ ft....	.50	.05
1004. Emperor. Mixed, 1½ ft.....	1.00	.05
1005. Giant Hyacinth Flowered. Mixed, 2 ft.	.60	.05



<b>1593. LAGURUS OVATUS</b> (Hare's Tail).—	<b>Oz.</b>	<b>Pkt.</b>
Very ornamental, 2 ft.....	.40	.05
<b>1595. LANTANA HYBRIDS.</b> —New dwarf compact bedding. Vigorous, free-blooming plants suitable for bedding-out purposes and pot culture. Tender perennial, mixed.....	2.00	.10
<b>LATHYRUS</b> (Perennial Pea).—One of the hardiest and most easily cultivated climbing perennials, thriving almost anywhere. Well adapted for covering rough, unsightly, stony places.		
1600. <i>Latifolius Albus</i> . White .....	.80	.10
1601. <i>Latifolius</i> (Pink Beauty). Pink.....	.80	.10
1602. <i>Latifolius</i> , <i>Splendens</i> . Red.....	.60	.10
1603. <i>Latifolius</i> Mixed .....	.50	.10
<b>LAVENDER</b> ( <i>Lavendula</i> ).—An old garden favorite valued for its sweet-scented leaves and flowers.		
1605. <i>Vera</i> . Blue, 1½ ft.....	.50	.05
1606. <i>Spica</i> (Sweet Lavender). Blue, 2 ft....	.50	.05
<b>LAVATERA.</b> —Plants of very easy culture, producing large showy flowers that resemble single Hollyhocks. Hardy annual, 3 ft.		
1610. <i>Arborea Variegata</i> . Red.....	1.50	.10
1609. <i>Trimestris</i> , <i>Rosea Splendens</i> . Rose.....	1.00	.10
1611. <i>Trimestris</i> , <i>Alba</i> . White .....	.30	.05
1612. <i>Trimestris</i> , Red .....	.35	.05
1613. <i>Trimestris</i> , Mixed .....	.30	.05
<b>LEPTOSYNE.</b> —Attractive plants somewhat resembling the coreopsis, having bright-yellow flowers; useful for cutting. Half-hardy annual, 2 ft.		
1620. <i>Maritima</i> . Yellow .....	1.50	.10
1621. <i>Stillmani</i> . Yellow .....	1.50	.10
<b>LIATRIS.</b> —Desirable perennial, having densely-flowered spikes of purple flowers. Fine for dry soils.		
1625. <i>Pyenostachia</i> (Kansas Gay Feather). Rose purple, 3 ft.....		.10
1626. <i>Spicata</i> (Blazing Star). Purple, 1½ ft..	3.00	.10
<b>LIMNANTHES.</b> —Dwarf hardy annual bearing small, fragrant yellow and white flowers; splendid for bees. Thrives in damp, shady places. 1 ft.		
1630. <i>Douglasii</i> . White and yellow.....	.30	.05
1631. Mixed .....	.30	.05
<b>LINARIA</b> (Toad Flax).—Plants having long spikes of Snapdragon-shaped flowers and narrow green leaves Hardy annual, 1 ft.		
1635. <i>Alba</i> . White .....	1.00	.05
1637. <i>Maroccana</i> . Purple .....	.60	.05
1638. <i>Maroccana Hybrids</i> . Mixed.....	.40	.05
<b>LINUM</b> (Flax).—Very handsome plants for the border or rock garden. The perennial varieties will bloom from seed the first year if started early.		
Annual Sorts		
1648. <i>Grandiflorum Rubrum</i> (Scarlet Flax). 1½ ft. ....	.30	.05
1649. <i>Grandiflorum Luteum</i> . Yellow, 1½ ft..	2.00	.10
Perennial Varieties		
1645. <i>Perenne Album</i> . White, 1½ ft.....	.40	.05
1644. <i>Perenne Blue</i> . 1½ ft.....	.40	.05
1647. <i>Perenne Roseum</i> . Pink, 1½ ft.....	.50	.10
1646. <i>Flavum</i> (Golden Flax). Yellow, 1 ft...		.10
1650. <i>Perennial Sorts</i> . Mixed, 1 ft.....	.50	.05
1680. <b>LOTUS JACOBÆUS.</b> —An interesting greenhouse plant having a small pea-shaped flower more nearly black than any flower known. Tender annual, 1 ft.....		.10
1685. <b>LUNARIA BIENNIS</b> (Honesty).—Interesting plants with showy purple flowers and transparent, silvery seed-pods, which are very ornamental, and much used for winter bouquets. Hardy biennial, 2 ft.....		.10

## LOBELIA

A group of plants valuable for bedding purposes on account of their compact growth and profusion of flowers; they are also useful for pot culture, hanging-baskets, etc.; continuous bloomers from June to November.

¼ oz. Pkt.

1655. <i>Crystal Palace Compacta</i> . Beautiful Victoria Blue. The finest variety for bedding. 4 inches .....	1.00	.10
1658. <i>Emperor William</i> . A very compact variety, sky blue, 6 inches.....	.50	.10
1659. <i>Erecta</i> . Dark blue, of upright growth, 9 inches .....	.75	.10
1664. <i>Prima Donna</i> . Free-flowering, crimson, 6 inches .....	.75	.10
1666. <i>White Gem</i> . Pure white, 4 inches.....	.75	.15
1667. <i>Royal Purple</i> . A compact variety with deep blue flowers and distinct white eye, 6 inches .....	1.00	.15

## Trailing Varieties

Oz. Pkt.

1662. <i>Gracilis</i> . Dark blue, spreading habit and free-flowering, most suitable for vases, hanging-baskets, etc. ....	1.00	.10
1668. <i>Speciosa</i> . Dark blue, spreading habit..	1.50	.10

## Perennial Varieties

1670. <i>Cardinalis</i> (Cardinal Flower). A native variety with spikes of brilliant flowers; succeeds best in rather moist situations, 2 ft...		.20
1671. <i>Syphylitica</i> . Pale blue, a splendid variety for shady positions, 2 ft.....		.25

**LUPINUS** (Lupins).—Splendid free-flowering plants with long graceful spikes of pea-shaped flowers; valuable for mixed borders and beds, also good for cutting.

## Annual Varieties

1690. <i>Cruickshankii</i> . Blue yellow.....	.40	.05
1691. <i>Hartwegii</i> . Blue .....	.40	.05
1692. <i>Hartwegii</i> . Rose .....	.40	.05
1693. <i>Hartwegii</i> . White .....	.40	.05
1695. <i>Breck's Selected Light Pink</i> .....	.50	.10
1697. <i>Annual Mixed</i> .....	.40	.05

## Perennial Varieties

1700. <i>Arboreus</i> (Snow Queen). Large pure white flowers, 3 ft.....	¼ oz. .40	.10
1704. <i>Polyphyllus</i> . Blue .....	.30	.05
1705. <i>Polyphyllus</i> . White .....	.40	.05
1706. <i>Polyphyllus Roseus</i> . Very pretty rose shade .....	2.00	.15
1707. <i>Polyphyllus</i> . Mixed .....	.30	.05

**LYCHNIS.**—Very striking perennials having many brilliantly colored flowers borne on long stems. Splendid for cutting.

1710. <i>Chalcedonica</i> (Jerusalem Cross). Scarlet, 2 ft.....	.50	.05
1711. <i>Chalcedonica Alba</i> . White, 2 ft.....	.75	.10
1712. <i>Chalcedonica Mixed</i> . 2 ft.....	.50	.05
1715. <i>Fulgens</i> . Scarlet, 1 ft.....	¼ oz. 1.00	.15
1716. <i>Haageana Hybrida</i> . Mixed, 1 ft.....	3.00	.15
1717. <i>Viscaria Splendens</i> . Red, 1 ft.....	.80	.05
1718. <i>Flos Cuculis</i> (Ragged Robbin). Pink, 2 ft. ....	3.00	.10

**LYTHRUM ROSEUM SUPERBUM** (Loose Strife).—A fine autumn-flowering perennial with magnificent spikes of rosy-purple flowers .....

.75 .10

1725. **LYSIMACHIA** (Creeping Jenny).—Yellow. An old-fashioned, creeping plant good for carpeting the ground in shady places where grass will not grow. Also useful for rustic baskets and hanging pots.....

.10

**MALOPE.**—Very free-blooming hardy annuals bearing large showy flowers. 2 ft.

1912. <i>Grandiflora</i> . White .....	.30	.05
1913. <i>Grandiflora</i> . Crimson .....	.30	.05
1914. <i>Grandiflora</i> . Pink .....	.30	.05
1915. <i>Grandiflora</i> . Mixed .....	.30	.05





Marigold

**MARIGOLD**  
(*Tagetes*)

For adding shades of yellow to the garden effect in late summer and autumn the African and French Marigolds are unsurpassed. They make nice beds when grown together, the Dwarf French sorts being used for edging; both sorts are also very desirable for borders or for brightening up any bare or colorless spots. Sowings should not be made outdoors until danger from frost is passed.

**Double African Varieties**

	Oz.	Pkt.
2950. Breck's Perfection Strain ("Sunburst"). Lemon yellow. Clear lemon yellow flowers of a perfectly globular form, 4 to 5 inches in diameter, 2 ft. .... ¼ oz. 1.00	1.00	.10
2952. Breck's Perfection Strain ("Sunburst"). Orange yellow. Deep orange yellow of perfect form, 5 to 6 inches in diameter, 2 ft. .... ¼ oz. 1.00	1.00	.10
2954. Breck's Scotch Prize. Lemon .....	1.00	.10
2956. Breck's Scotch Prize. Orange .....	1.00	.10
2960. Breck's Eldorado .....	1.00	.10
2958. Breck's Scotch Prize. Mixed .....	.75	.05
Collection of 6 distinct varieties, 25c.		

**Double French Varieties**

2968. Breck's Tall Choice Mixed.....	.40	.05
2972. Breck's Dwarf Choice Mixed.....	.40	.05
2974. Striped Brown and Yellow.....	1.50	.05
2976. Purple, Gold Striped.....	1.00	.05
2978. Gold-edged .....	1.00	.05
Collection of 6 varieties, 25c.		
Collection of 12 varieties, 40c.		

**Single Varieties**

2962. Breck's Pride of the Garden. Very free-blooming, dwarf and compact, throwing the flower well to the surface.....	1.00	.10
2986. Signata Pumila. Brown yellow, 1 ft. ....	.80	.05
2988. Signata Pumila. Golden King, 1 ft. ....	.80	.05
2990. Signata Pumila. Cloth of Gold, 9 in. ....	2.00	.10

**MALVA, or MALLOW.**—Hardy perennials. Large, showy flowers growing well in almost any good garden soil, and blooming all summer.

	Oz.	Pkt.
1924. Alcea (Hollyhock Mallow). Rose, 3 ft. ....		.10
1926. Moschata (Musk Mallow). Rose-colored, 2 ft. ....	1.50	.10
1928. Moschata Alba. White. 2 ft. ....	1.50	.10

**MIGNONETTE**

(Reseda Odorata)

Well known, fragrant favorites, delightful for working into bouquets. For winter flowering seed should be sown in July or August. All the sorts we offer are very fine, but especial attention is called to Breck's Pride of the Market and Breck's Colossal as being particularly good and the most desirable for pot culture. A succession of bloom during both summer and winter may be had by repeated sowings.

Oz. Pkt.

1991. Breck's Pride of the Market.—This year we have secured what we believe is the best strain of forcing mignonette ever developed. The seed we offer is grown under glass, and will produce enormous spikes of reddish-green, deliciously fragrant flowers.....		.50
1990. Breck's Colossal. Reddish-green.....	6.00	.25
1992. Odorata Grandiflora. 1 ft. Sweet-Scented ... Lb., 1.50; ¼ lb., .50	.15	.05
1994. Allen's Defiance. Red, 1½ ft. ....	.50	.05
1995. Bismarck, Machet type, reddish colored flowers .....	1.00	.10
1997. Breck's Selected Giant Machet. Red....	1.00	.10
1998. Crimson Giant, or Queen. Red.....	1.00	.05
2000. Golden Machet. Yellow.....	2.00	.10
2002. Golden Queen. Yellow.....	1.00	.05
2004. Goliath. Bright red, very large, 2 ft. ....	3.00	.10
2005. Miles' Spiral. White, 1½ ft. ....	.50	.05
2007. Parson's White .....	2.50	.10
2008. Victoria. Red .....	2.00	.10
2009. White Prize. White.....	2.50	.10
2010. Yellow Prince. Yellow.....		.10

1935. **MARTYNIA.**—A stately branching annual with heart-shaped leaves and showy flowers 2 inches or more across. They are usually of a lilac, yellow or purple color, beautifully marked and spotted. Mixed, 2 ft. .60 .05



Breck's Colossal Sweet Mignonette



2920. **MATHIOLA BICORNIS** (Evening-Scented Stock).—A desirable annual exhaling a delicate perfume in the evening. Flowers are closed during the day. Rosy lilac, 1½ ft. Oz. Pkt.  
.40 .05

**MATRICARIA** (Double Feverfew).—Very free-flowering hardy annuals, desirable as border plant, having very fine-cut foliage and large heads of flowers. 1 to 1½ ft.

1940. *Capensis*. White..... .60 .05  
1942. *Exima* (Golden Ball). Yellow..... .15  
1944. *Snowball*. White..... 1.00 .10  
1946. *Grandiflora*. White..... .75 .05

**MAURANDYA**.—Magnificent, tender climbing perennial having many showy trumpet-shaped flowers. Flowers from seed the first season.

1973. *Mixed*. 10 ft..... 2.00 .10

**MESEMBRYANTHEMUM**.—Dwarf annuals well adapted for hot situations; very effective for edging and carpet bedding.

1980. *Crystallinum* (Ice Plant). White, trailing, has peculiar glistening foliage..... .10  
1982. *Tricolor* (Dew Plant). Rose..... 1.00 .10  
1984. *Tricolor, Alba*. White..... 1.00 .10  
1986. *Choice Mixed* ..... .75 .05

2015. **MIMOSA PUDICA** (Sensitive Plant).—A tender annual, the leaves of which have a peculiar habit of closing up if touched or shaken. Flowers pink. 1 ft..... .60 .05

**MIMULUS** (Monkey Flower).—A genus of handsome, profuse-flowering plants, with singularly shaped and brilliant colored flowers. Seed should be sown early indoors.

2020. *Cardinalis*. Scarlet, tender perennial, 1½ ft. .... 2.00 .10

2022. *Moschatus Compacta* (Musk). Yellow, ½ ft. The well-known scented variety of musk. Very fine in hanging baskets; tender annual ..... .10

### MIRABILIS

**MIRABILIS JALAPA** (Marvel of Peru, or Four O'Clock).—A bushy rapid-growing plant bearing clusters of long tube-shaped flowers which do not open until late in the afternoon. Splendid for beds and borders. Hardy annual. 2 ft. Lb. ¼ lb. Oz. Pkt.

2025. *Fine Mixed* ..... 1.00 .35 .15 .05  
2027. *Longiflora Alba*. White..... .30 .05  
2029. *Variegated Leaved. Mixed* ..... .30 .05  
Collection, 8 varieties, 30c.



Nicotiana



Myosotis (Forget-me-not)

2035. **MOLUCELLA LAEVIS** (Shell Flower).—Oz. Pkt.  
Of very curious form, easily grown and worthy of attention. hA, white and blue, 1 ft.. .10

**MOMORDICA**.—Handsome climbing vines with inconspicuous flowers but having large, warted, golden-yellow fruits, which, when ripe, split open and display showy, bright red seeds.

2040. *Balsaminia* (Balsam Apple). Yellow... .50 .05

2042. *Charantia* (Balsam Pear). Yellow..... .50 .05

2045. **MONARDA DIDYMA** (Bee Balm).—An aromatic herb having showy bright red flowers. Moist, shady locations are most suitable. hP, 2 ft..... .15

### MUSA ENSETE

2046. **ABYSSINIAN BANANA**.—Of all plants available to us for sub-tropical effects, this is the most luxuriant. It grows here from 12 to 15 feet high with leaves 6 to 8 feet in length. Seeds sown in January or February produce good plants for summer bedding. 100 seeds 2.00 .25

### MYOSOTIS

(Forget-Me-Not)

Very popular free-flowering plants producing their beautiful star-like flowers in great profusion throughout the summer. They are especially effective when planted in large masses.

2055. *Alpestris Alba*. White, ½ ft..... 3.00 .10

2057. *Alpestris Coerulea*. Blue, ½ ft..... 1.50 .10

2058. *Alpestris Rosea*. Rose, ½ ft..... 3.00 .10

2059. *Stricta Alba*. White, ½ ft..... 2.00 .10

2060. *Stricta Rosea*. Rose, 1 ft..... 2.00 .10

2062. *Stricta Coelestina*. Blue, 1 ft..... 2.00 .10

2064. *Alpestris Victoria*. A beautiful variety of dwarf bushy habit, bearing a profusion of large flowers, ½ ft..... 2.50 .10

2068. *Alpestris. Mixed*, 1 ft..... 1.00 .05

2070. *Azorica Blue*. Double blue, 1 ft..... .15

2072. *Azorica Alba*. White, 1 ft..... .15

2074. *Palustris Semperflorens*. True Water Forget-Me-Not. Bright blue, ½ ft..... 4.00 .10

2076. *Palustris Semperflorens Alba*. White, ½ ft. .... .15

2078. *Tom Thumb*. Blue, ¼ ft..... .25

2080. *Royal Blue*. ½ ft..... 1.50 .10





Nasturtiums

**NICOTIANA.**—The Nicotianas are free-blooming plants producing clusters of brilliantly colored fragrant tube-shaped flowers. Half-hardy annual.

	Oz.	Pkt.
2090. Affinis. Pure white, 3 ft.....	.75	.05
2091. Alata. Pink, 3 ft.....	.50	.10
2093. Atropurpurea Grandiflora. Crimson, 4 ft.....	.40	.10
2095. Colossea. Pink, 6 ft.....		.25
2097. Sanderae. Carmine red, 3 ft.....		.10
Sanderæ Hybrids. Collection of 8 varieties, 50c.		

**NEMOPHILA.**—Beautiful hardy annuals producing an abundance of bright bell-shaped flowers all summer. They grow best in moist, partly shaded situations.

2086. Insignis. Blue .....	.30	.05
2085. Mixed .....	.30	.05

**NEMESIA.**—Plants of compact growth bearing a profusion of flowers throughout the summer. Hardy annual.

2081. Hybrida (Blue Gem). Blue, 1 ft.....		.25
2083. Strumosa Suttoni. Many beautiful colors, 1½ ft.....		.15

**NIGELLA** (Love-in-a-Mist).—An interesting annual with curious double flowers nestling in its feathery, bright green foliage. Hardy annual, 1 ft.

2105. Miss Jekyll. Blue .....	.75	.10
2104. Miss Jekyll. Pure white, new.....	1.00	.10
2108. Mixed .....	.30	.05

**NASTURTIIUM**

(Tropaeolum)

**BRECK'S RAINBOW NASTURTIIUMS.**—A great variety of soft and pleasing colors. The seed we offer is a selected strain and mixed in proper proportions so that our customers may be assured of having all the effective shades of pink, rose, scarlet, crimson, brick, claret, chocolate, brown, garnet, orange, primrose, yellow and white. Seed may be planted, one inch deep, early in April, in any convenient place, and the plants when large enough transplanted to their permanent places.

**Dwarf Varieties**

	Oz.	Pkt.
3040. Aurora. Yellow veined.....	.15	.05
3042. Beauty. Yellow and scarlet.....	.15	.05
3044. Black (King Theodore).....	.15	.05
3046. Bronze .....	.15	.05
3048. Coerulea Rosea. Peach.....	.15	.05
3050. Crimson .....	.15	.05
3052. Crystal Palace Gem. Spotted.....	.15	.05
3054. Cloth of Gold. Yellow.....	.15	.05
3056. Empress of India. Dark leaved, crimson .....	¼ lb. .75	.25 .05
3058. Golden King. Yellow.....	.15	.05
3060. King of Tom Thumbs.....	.15	.05
3062. Lady Bird (Bird Flower). Orange red .....	.15	.05
3064. Pearl. White .....	.15	.05
3066. Ruby King. Carmine.....	.15	.05
3068. Rose .....	.15	.05
3070. Scarlet .....	.15	.05
3072. Spotted .....	.15	.05
3074. Yellow .....	.15	.05
3078. Lilliput. Mixed, ½ ft.....	.25	.05
3080. Breck's Rainbow Mixture. From Named sorts .....	Lb. 1.50	.15 .05
3082. Choice Varieties Mixed.....	Lb. 1.00	.10 .05
Collection, 12 distinct varieties, 50c.		

**Tall or Climbing Sorts**

3090. Atropurpureum. Dark crimson.....	.15	.05
3092. Coccineum. Scarlet .....	.15	.05
3094. Coeruleum Roseum. Dark rose.....	.15	.05
3096. Dunnett's Orange. Orange.....	.15	.05
3098. Edward Otto. Lilac.....	.15	.05
3100. Heinemannii. Chocolate.....	.15	.05
3102. Hemisphericum. Orange.....	.15	.05
3104. King Theodore. Maroon.....	.15	.05
3106. Luteum. Yellow .....	.15	.05
3108. Moonlight. Pale straw.....	.15	.05
3110. Regelianum. Violet .....	.15	.05
3112. Scheuermannii. Sulphur .....	.15	.05
3114. Scheuermannii Coccineum. Yellow striped .....	.15	.05
3116. Sunlight. Golden yellow.....	.15	.05
3118. Vesuvius. Salmon, dark-leaved.....	.15	.05
3124. Rainbow Mixture. From Named sorts. Lb. 1.50 .....	.15	.05
3126. Choice Varieties Mixed.....	Lb. 1.00	.10 .05
Collection, 12 colors, 50c.		

**LOBB'S NASTURTIIUMS** (Tropaeolum Lobbianum).—Are more delicate, smaller in flower and foliage than the others. Excellent for conservatories, hanging baskets, window boxes and house cultivation during winter.

3130. Tropaeolum Lobbianum. Asa Gray, white .....	.25	.10
3132. —(Brilliant). Scarlet .....	.25	.05
3134. —(Crown Prince). Dark red.....	.25	.05
3136. —(Giant of Battles). Carmine.....	.25	.05
3140. —(Lili Smith). Crimson and scarlet...	.20	.05
3142. —(Lucifer). Dark crimson.....	.25	.05
3144. —(Napoleon III). Striped.....	.25	.05
3146. —(Roi des Noirs). Black.....	.25	.05
3148. —(Spitfire). Scarlet .....	.25	.05
3150. —Yellow .....	.20	.05
3154. —Mixed .....	.25	.05
Collection, 12 colors, 50c.		
3158. Mme. Gunther's Hybrids. Mixed.....	.25	.05
3160. Peregrinum (Canary Bird Flowers). Yellow .....	.40	.05



2100. **NIEREMBERGIA FRUTESCENS.**—A handsome plant with showy bell-shaped flowers; useful as a pot-plant or in the open border. Tender perennial. Lilac, 1 ft. .... 1.00 .05

**NYMPHÆA** (Water Lily).—Plant seed in March in a cup containing 3 inches of soil and fill up with water; place in a temperature of 70 degrees. When large enough in June move to tubs or pools of water outdoors. Tender perennial.

2115. **Odorata Alba** (White Pond Lily)..... .10  
 2118. **Odorata Rosea** (Cape Cod Pink)..... .25  
 2120. **Zanzibariensis Azurea.** Blue..... .25  
 2122. **Zanzibariensis Rosea.** Rose..... .25

**GENOTHERA** (Evening Primrose).—An attractive family of perennials worthy of more general cultivation.

#### Hardy Perennial Varieties

2132. **Fraseri.** Yellow, 1½ ft. .... .10  
 2133. **Lamarckiana.** Yellow, 1½ ft. .... .40 .10  
 2134. **Youngii.** A very showy variety with large bright yellow flowers all the summer. .... .10  
 2135. **Perennial Varieties Mixed.**..... .10

#### Annual Sorts

2139. **Rosea Mexicana.** Rose, ¾ ft. .... 1.50 .05  
 2140. **Annual Varieties Mixed.**..... .40 .05  
 2145. **OROBUS.**—Showy perennials, having handsome pea-shaped flowers. Mixed..... .10

**OXALIS.**—Splendid class of plants with brilliant colored flowers and dark foliage, suitable for rock-work, hanging baskets, vases, etc. Half-hardy perennial, ½ ft.

2150. **Alba.** White ..... .15  
 2151. **Rosea.** Rose ..... .15  
 2152. **Tropaeoloides.** Yellow ..... .10  
 2153. **Valdiviana.** Yellow ..... .10  
 2155. **Mixed** ..... .15

### PANSY

(*Viola Tricolor*)

The Pansy is one of our specialties. For size and form of flowers, variety and brilliancy of colors and markings, nothing approaches it. Breck's Boston Prize is imported by us from the most experienced growers. The flowers are large, wonderful in their coloring, and unsurpassed by any other mixture.

The English and Scotch Prize Pansies are remarkably fine; they are from the finest collections in these countries.

Our Trimardeau Pansies embrace the cream of that type, and will give perfect satisfaction in every particular.

Pansies delight in a cool, moist soil and a situation that protects them from cutting winds as well as the midday sun. To obtain large flowers early in spring, seed should be sown in July or August and the plants protected with a frame during winter. Spring sown seed does very well, although the flowers produced are not so large.

Oz. Pkt

#### BRECK'S GIANT MATCHLESS

3241. An excellent exhibition strain. Flowers are very large, of great substance with a wide range of the richest colors. A variety unsurpassed for frame culture and does equally as well out doors. \$1.00 pkt.

3250. **Breck's Boston Prize.** Mixed. ⅓ oz. 2.00 10.00 .25  
 3252. **Breck's International Prize.** Mixed.... 6.00 .15  
 3254. **Bugnot's Private Strain.** Mixed..... 8.00 .25  
 3256. **Bugnot's Blotched.** Mixed..... 7.00 .25  
 3260. **Cassier's Giant Odier.** Mixed..... 6.00 .25  
 3266. **English Fancy, Show.** Mixed..... 5.00 .25  
 3268. **Scotch Prize.** Mixed..... ¼ oz. 2.00 .25  
 3274. **Madame Perret.** Red and wine shades. 3.00 .15



Pansies

3276. **Masterpiece.** Enormous flowers undulated or curled, fine rich colors..... 5.00 .25  
 3278. **Triumph of the Giants.**..... ⅓ oz. 2.00 .25

#### TRIMARDEAU, or GIANT.

3292. **Atropurpurea.** Purple..... 2.50 .10  
 3294. **Emperor William.** Blue..... 3.00 .10  
 3296. **Fire King.** Yellow and crimson..... 3.00 .10  
 3298. **Golden Yellow.** Pure yellow..... 3.00 .10  
 3300. **Golden Five-Spotted.** Variegated..... 8.00 .25  
 3304. **Pure White** ..... 2.50 .10  
 3306. **Lord Beaconsfield.** Violet, shading to white ..... 2.50 .10  
 3310. **Red and Brown Shades.**..... 2.50 .10  
 3312. **Striped** ..... 2.50 .10  
 3314. **Violet Blue** ..... 4.00 .15  
 3316. **Yellow Marbled.** Variegated..... 3.00 .10  
 3318. **White.** Dark eye..... 3.00 .10  
 3320. **Trimardeau, or Giant.** Mixed..... 2.50 .10

#### Large-Flowering Varieties

3330. **Azure Blue** ..... 2.00 .10  
 3332. **Yellow.** Black eye..... 3.00 .10  
 3334. **Bronze** ..... 3.00 .10  
 3336. **Brown** ..... 3.00 .10  
 3338. **Candidissima (Snow Queen).** White... 3.00 .10  
 3340. **Cardinal.** Red ..... 3.00 .10  
 3344. **Emperor William.** Blue..... 3.00 .10  
 3348. **Faust, or King of Blacks.**..... 2.00 .10  
 3350. **Gold Margined** ..... 2.00 .10  
 3352. **Havana Brown** ..... 3.00 .10  
 3354. **Lord Beaconsfield.** Blue and white.... 1.50 .10  
 3356. **Mahogany Color** ..... 3.00 .10  
 3368. **Choice Mixed** ..... 2.00 .10  
 3370. **Fine Mixed** ..... 1.50 .05  
 Collection 12 colors, 50c.  
 Collection 6 colors, 30c.

**TUFTED PANSIES** (*Viola Cornuta*).—Elegant free-blooming plants, exceptionally good for shady beds or borders.

3380. **Admiration.** Dark blue..... 3.00 .10  
 3381. **Lutea Splendens.** Golden yellow..... 3.00 .10  
 3382. **Mauve Queen.** Mauve..... 3.00 .10  
 3384. **Magnificent.** Light blue..... 3.00 .10  
 3386. **White Perfection.** Pure white..... 3.00 .10  
 3280. **Choice Mixed** ..... 2.00 .10





Single Petunia

**PETUNIA**

Free-flowering, sweet-scented and easily cultivated. They are well-known favorites, effective and beautiful in borders, beds, vases, etc. They thrive in almost any soil and produce a brilliant array of color throughout a long season. Breck's Prize is an exceedingly fine strain of large fringed flowers that produces a large percentage of doubles. We call special attention to the collections offered. The seed is all saved from selected pot-grown plants, and we believe will prove perfectly satisfactory.

**Single Large-Flowering Petunias**

- |   |     |      |
|---|-----|------|
| 2341. Breck's New Giant Exhibition Strain. The quality of this strain is unrivalled, the flowers being gigantic in size, beautiful in shape, deep-throated, and of various and brilliant colors ..... | Oz. | Pkt. |
| 2343. Breck's Ruffled Giants. A splendid selection of single fringed petunias, flowers of extraordinary size and substance.....   |     | .50  |
| 2344. Giants of California. Flowers very large, and superb colors with deep yellow throat..   |     | .25  |
| 2339. Hybrida Superbissima "Nana." About 15 inches high, in a compact form. Flowers large and substantial, wonderful rich and varied colorings .....  |     | .25  |
| 2340. Superbissima Choicest Mixed. Very large flowers beautifully veined in the throats .....   |     | .25  |

**Double Large-Flowering Petunias**

- |   |  |     |
|---|--|-----|
| 2350. Breck's Prize Double Mixed. A magnificent strain. Will produce a large percentage of double flowers of the largest fringed varieties in a large variety of colors and tints.. |  | .50 |
| 2346. Choice Double Mixed.....  |  | .25 |

**Single Bedding Petunias**

- |   |      |     |
|---|------|-----|
| 2330. Alba. Pure white.....   | 1.00 | .10 |
| 2337. Pink .....  | 1.00 | .10 |
| 2336. Kermesina. Crimson.....   | 1.00 | .10 |
| 2338. Purple King .....   | 1.00 | .10 |
| 2354. Brilliant Rose .....  | 1.00 | .25 |
| 2333. Snowball. A dwarf compact variety, producing satiny white flowers.....  | 3.00 | .10 |
| 2325. Rosy Morn. Light pink with white throat, makes a very dainty and effective border .....                             | 1.00 | .10 |
| 2364. Striped and Blotched. The flowers are beautifully striped and blotched. The plants are dwarf. Fine for massing..... | 1.25 | .10 |

Double Petunia

- |   |         |      |     |
|---|---------|------|-----|
| 2366. Howard's Star. Rich crimson with a distinct white star in centre.....     | 1/4 oz. | 1.00 | .15 |
| 2370. Choice Single Mixed. A good mixture for bedding, baskets, vases, etc..... | 1.50    |      | .10 |
| 2374. Fine Mixed. Good bright colors.....                                       | .75     |      | .05 |
| Collection of 12 varieties, large-flowered, \$1.00.                             |         |      |     |
| Collection of 6 varieties, large-flowered, 50c.                                 |         |      |     |

**PHLOX (Drummondii)**

An extremely beautiful class of plants producing an abundance of bloom throughout the summer. The flowers, which are borne in immense trusses, are found in a variety of beautiful colors. The plants make a most wonderful and effective display when grown in large beds and masses. Hardy annuals.

- |   |      |     |
|---|------|-----|
| 2390. White .....   | 1.50 | .10 |
| 2391. Blush Pink .....  | 1.50 | .10 |
| 2392. Dark Scarlet. White eye.....  | 1.75 | .10 |
| 2394. Striped .....   | 1.50 | .10 |
| 2396. Scarlet .....   | 1.50 | .10 |
| 2398. Yellow .....  | 1.50 | .10 |
| 2400. White. With purple eye.....   | 1.75 | .10 |
| 2402. Pink .....  | 1.50 | .10 |
| 2404. Scarlet. With large white eye.....  | 1.50 | .10 |
| 2406. Blood Red (Black Warrior).....  | 2.00 | .10 |
| 2410. Mixed, Breck's Prize Strain. Mixed from the most beautiful and brilliant colors   | 1.50 | .10 |
| 2414. Cuspidata (Star Phlox). Finest mixed, star-shaped flowers with pointed petals.... | 2.00 | .10 |

1/4 oz. Pkt.

- |   |     |     |
|---|-----|-----|
| 2418. Nana Compacta (Snowball). 6 inches..  | .75 | .15 |
| 2420. Nana Compacta (Fireball). 6 inches... | .75 | .15 |
| 2422. Double Red .....                      | .75 | .15 |
| 2424. Double White .....                    | .75 | .15 |
| 2426. Double Yellow .....                   | .75 | .15 |
| 2428. Double Mixed .....                    | .75 | .10 |

**Perennial Varieties**

- |                                  |      |     |
|----------------------------------|------|-----|
| 2430. Decussata Mixed .....      | .75  | .15 |
| 2436. Decussata Nana Mixed ..... | 1.00 | .15 |

**PAEONY.**—A well-known perennial especially suitable for massing, and for combination with shrubbery. 2 ft.

- |                          |      |      |
|--------------------------|------|------|
| 2160. Double Mixed ..... | Oz.  | Pkt. |
| 2162. Single Mixed ..... | 2.00 | .15  |
|                          | 1.00 | .10  |

**PASSIFLORA (Passion Flower).**—A handsome rapid-growing vine which bears interesting flowers freely throughout the summer. Tender perennial.

- |                                  |  |     |
|----------------------------------|--|-----|
| 2280. Coerulea. Blue, 30 ft..... |  | .10 |
|----------------------------------|--|-----|





Shirley Poppy

## POPPY

(Papaver)

Quite a number of the perennial varieties bloom the first year from seed if sown early. Our new strain of Shirley produces softer and more pleasing shades than we have offered hitherto. Sowings in May, and again several times during spring, produce a continuous bloom from early summer until frost. The seed should be sown where the plants are to bloom, as Poppies do not take kindly to transplanting. Cover seed very lightly, and firm the soil with a flat board. When large enough thin out the plants. A sandy loam and early spring sowings produce the best flowers.

## Single Annual Varieties

	Oz.	Pkt.
2258. Shirley, Breck's Selected Mixed. An extra choice strain of these charming poppies. We pay special attention to the selection of colors which contain pure white, pink, terra cotta, salmon, chamois, rosy carmine to deepest crimson, and rosy red. Many of the flowers are beautifully flaked or edged with white. 1½ ft.....¼ lb. 1.25	.50	.05
2260. Shirley, Dwarf Mixed. 1 ft.....	1.00	.10
2202. Danebrog (Danish Flag). Single scarlet flowers with a large white blotch on each petal, 2 ft.....	.35	.05
2257. English Scarlet Field Poppy. The single Poppy so much admired by tourists in Europe where it grows wild on railroad banks and in the fields.....¼ lb. 1.50	.50	.05
2204. Glaucum (Tulip Poppy). Dazzling scarlet, 1 ft.....	.50	.05
2208. Maid of the Mist. Beautiful single fringed, white, 2 ft.....	.50	.05
2212. Mephisto. Scarlet with black spots, 2 ft.	.40	.05
2218. Miss Sherwood. Satiny white, shading to bright rose, 2½ ft.....	.75	.10
2252. Pavonium (Peacock Poppy). Scarlet with black zone.....	1.00	.05
2171. Picotee. Beautiful white, with well defined crimson edge.....		.15

2266. Umbrosum (Caucasian Poppy). Crimson with a black spot on each petal, 1½ ft....	Oz. .40	Pkt. .05
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## Double Annual Varieties

2194. Cardinal. Double scarlet. A splendid dwarf variety which has large globular flowers of an intense scarlet red, 1½ ft....	.60	.10
2196. Cardinal Hybridum. Double mixed, 1½ ft. ....	.40	.05
2198. Carnation Flowered. Double mixed. The flowers of this variety are large and finely fringed, 2 ft.....	.40	.05
2200. Chinese. Finest mixed. Double, globe-shaped with slender wavy petals, varying from pure white to dark scarlet, 1 ft.....	.50	.05
2210. May Campbell. Double white, 1½ ft...	.50	.05
2216. Mikado (Striped Japanese Poppy). Scarlet and white. This magnificent poppy is like a Japanese Chrysanthemum. The flowers are brilliant scarlet and white, with elegant curved petals, 1 ft.....	.60	.05
2254. Paeony Flowered. Mixed. Immense, showy, double globular flowers resembling a double paeony. 1½ ft.....	.40	.05
2256. Ranunculus-flowered. Mixed. A beautiful race of poppies with bright, double flowers having pape-like petals. 2 ft.....	.40	.05
2270. White Swan. Pure white, beautifully fringed, 2 ft.....	.50	.05
2192. "Boston Peerless." Double and single mixed. A wonderful variety of brilliant, dazzling colors. 2 ft.....¼ lb. 1.50	.50	.10
Collection Carnation-Flowered, 12 colors, 40c.		
Collection Paeony-Flowered, 12 colors, 40c.		
Collection Single-Flowered, 6 colors, 25c.		

## Perennial Varieties

ALPINUM.—A charming little poppy with bright flowers resembling those of Papaver Nudicaule but dwarfer. Splendid for sunny borders or rock-work. 1 ft.

2180. Album. White.....	.15
2182. Roseum. Rose.....	.15
2184. Scarlet .....	.15
2186. Yellow .....	.15
2188. Mixed .....	.15
2190. Fringed. Mixed .....	.15

NUDICAULE (Iceland Poppy).—This beautiful dwarf perennial poppy, if sown early in the season will flower the same year. The bright and showy blossoms are borne on slender stems. It is especially desirable as a border plant and useful for cutting. 1½ ft.

	¼ oz.	Pkt.
2220. Yellow .....	.50	.10
2222. Alba. White .....	.50	.10
2224. Aurantiacum. Orange .....	.50	.10
2226. Scarlet .....	.50	.10
2228. Striped .....	.50	.10
2230. Coccineum. Double scarlet.....	.50	.10
2232. Fl. Pl. Double yellow.....	.50	.10
2234. Mixed, Single .....	Oz. 1.00	.10

ORIENTAL POPPY.—Large-flowered showy perennials.

	Oz.	Pkt.
2236. Orientale. Orange scarlet flowers, having a conspicuous black blotch on each petal, 2 ft. ....	1.50	.10
2238. Blush Queen. Large, pink, 2 ft.....	3.00	.15
2240. Bracteatum. Brick scarlet, 3 ft.....	1.00	.10
2235. Beauty of Livermore. Crimson with dark blotch .....	3.00	.10
2242. Queen Alexandra (Rosy salmon with crimson blotch) .....	4.00	.20
2244. Apricot Queen .....	1.25	.10
2246. Parkmanni. Deep scarlet, 2 ft.....	1.50	.15
2251. Orientale Hybrids. Splendid mixture..	2.00	.10
Collection, 6 perennial varieties, 40c.		



<b>PENNISETUM.</b> —One of the most beautiful ornamental grasses. Hardy annual, 1½ ft.	Oz.	Pkt.
2300. <i>Longistylum</i> .....	.10	
2302. <i>Ruppelianum</i> .....	.10	
<b>PENTSTEMON.</b> —Beautiful plants with broad green foliage and spikes of long, tubular flowers. The colors are pink, scarlet, purple and white. Plants bloom from seed the first year if sown indoors in March. 2 ft.		
2306. <i>Grandiflorus</i> Newest Hybrids. The best strain for cutting.....	.25	
2308. <i>Digitalis</i> . Spotted .....	.10	
2310. <i>Gloxinoides</i> (Sensation). Giant Gloxinia-Flowered type. The colorings and markings are wonderful.....	.20	
2315. <b>PERILLA NANKINENSIS.</b> —Ornamental annuals with dark purple leaves resembling those of coleus; useful for beds and borders	.25	.05
2380. <b>PHACELIA CAMPANULARIA.</b> —An early-flowering hardy annual with pretty blue flowers .....	1.00	.10
2440. <b>PHORMIUM TENAX FOLIIS VARIEGATIS</b> (New Zealand Flax).—An exceedingly handsome and curious plant with variegated sword-shaped leaves and orange colored flowers produced on long spikes well above the foliage. A magnificent plant for lawn decoration. Orange, 8 to 10 ft. high.....	.25	
2445. <b>PHYSALIS FRANCHETI</b> (Chinese Lantern).—An interesting plant, grown for its bright orange-red fruit. 2 ft.....	1.00	.10
<b>PHYSOSTEGIA</b> (False Dragonhead).—Elegant, bushy plant, suitable for the border, bearing spikes of pink, white, purple and red flowers throughout the season. Excellent for cutting. 2 ft.		
2450. <i>Speciosa</i> . Purple .....	.10	
2451. <i>Virginica</i> . Rose pink.....	.10	
2452. <i>Virginica</i> . <i>Grandiflora</i> Alba. White....	.15	
2454. <b>POA AMABILIS</b> (Abyssinian Grass).—Hardy annual, 2 ft.....	.10	
<b>POLEMONIUM</b> (Jacob's Ladder).—A handsome border plant with feathery, fern-like foliage and clusters of bell-shaped flowers. Hardy perennial. 2 ft.		
2455. <i>Grandiflorum</i> <i>Coeruleum</i> . Blue .....	.50	.10
2456. <i>Grandiflorum</i> <i>Album</i> . White .....	.75	.10
2457. <i>Flavum</i> . Yellow .....	.10	
2458. <i>Richardsonii</i> . Double blue.....	.10	

## PORTULACA

Beautiful little plants which bloom profusely all summer. Their richly-colored flowers make an effective and brilliant display when planted in large beds and masses. Hardy annual, ½ ft.

2464. <i>Grandiflora</i> . Single scarlet.....	.75	.05
2465. ————striped .....	.75	.05
2466. ————white .....	.75	.05
2467. ————pink .....	.75	.05
2468. ————yellow .....	.75	.05
2469. ————crimson .....	.75	.05
2470. ————mixed .....	.50	.05
Collection of 6 colors, 25c.		
2474. <i>Grandiflora</i> Double mixed, producing a large percentage of double flowers.....	4.00	.10
Collection of 6 colors, 40c.		
<b>POTENTILLA.</b> —Very useful border plants with handsome foliage and showy flowers. Hardy perennial, 1½ ft.		
2480. Double. Mixed .....	.10	
2482. Single. Mixed .....	.05	



*Primula Obconica*

## PRIMULA

### Breck's Superb Strains

**CHINENSIS** (Chinese Primrose).—The most suitable periods for sowing *Primula Chinensis* are April and May for autumn, and June and July for spring blooming. Shallow pans, well drained, are the best. The soil should consist of leaf mould and sandy loam, worked through a fine sieve. The pans, when thus prepared should be well watered before the seed is sown. Tender biennial, ¾ ft.

2490. Breck's Superb Giant Mixed. Including the following Giant Varieties and many others not catalogued.....	.50	Pkt.
2491. <i>Giant Alba</i> ("Pure White"). A grand variety of enormous size and great substance	.50	
2492. <i>Giant Crimson</i> . A gorgeous shade of crimson .....	.50	
2493. <i>Giant Queen Mary</i> . A lovely shade of rose pink .....	.50	
2494. <i>Giant Pink</i> . One of the best for indoor decoration, the color being a delicate carmine-pink .....	.50	
2496. <i>Giant Queen Alexandra</i> . Giant white flowers, 2½ inches across; petals are very solid and erect.....	.50	
2497. <i>Giant Rubra</i> . Immense red flowers of great substance .....	.50	
2498. <i>Giant Salmon</i> . An exquisite color.....	.50	
2500. <i>Alba Magnifica</i> . Pure white with yellow eye, densely fringed.....	.50	
2502. <i>Brilliant King</i> . Flowers are large and erect, forming a pyramid of beautiful rich crimson flowers .....	.50	
2504. <i>Chiswick Red</i> . An improved strain....	.50	
2505. <i>Coerulea Magnifica</i> . Blue.....	.50	
2506. <i>Delicate Rose</i> . A charming shade of rose pink .....	.50	
2509. <i>His Majesty</i> . Beautiful dark crimson..	.50	
2510. <i>Orange King</i> . Orange-salmon.....	.50	



## PRIMULA (Continued)

2512. Queen of the Whites. Very large blooms .....	Oz.	Pkt.
2514. Rose Carmine. Very fine rich color....	.50	
2515. Ruby Queen. Finest deep red.....	.50	
2516. Sutton's Duchess. Pure white.....	.50	

## STELLATA (Star Primula).

2517. Hybrida "Suttoni." Pure white.....	.25	
2518. Hybrida Choice Mixed.....	.25	

OBCONICA.—A most useful and decorative section. To obtain good plants for winter and early spring flowering the seed should be sown in warmth in April or May, and wintered in a cool greenhouse or frame. Gigantea is a larger flowering type than Grandiflora but not so free.

2530. Gigantea Album. Pure white.....	.50	
2532. Gigantea Pink .....	.50	
2528. Gigantea Kermesina. Rich crimson....	.50	
2525. Gigantea Oculata. Lilac-pink, brown eye	.50	
2534. Gigantea Rosea. Pure rose color.....	.25	
2538. Gigantea Sanguinea. Scarlet.....	.25	
2540. Grandiflora Alba. Pure white.....	.25	
2536. Grandiflora Coerulea. Blue.....	.25	
2524. Grandiflora Multiflora Compacta. Delicate pink .....	.50	
2526. Grandiflora Hybrids. Mixed.....	.25	

## Various Primulas

2484. Malacoides Alba .....	.50	
2485. Malacoides Lilac .....	.25	
2487. Malacoides Rosea .....	.50	
2486. Kewensis. Bright yellow. Flowers nearly 1 inch in diameter. A splendid winter-flowering plant .....	.50	

## Half-Hardy Perennial Varieties

These so-called hardy sorts require a cold frame or other protection during the winter. They do best in a northern exposure. All are very beautiful and useful for garden and pot culture.

2545. Auricula Alpina. Mixed, ½ ft.....	.25	
2546. Japonica (Japanese Mixed). 2 ft.....	.15	
2550. Veris Giant Fancy (Polyanthus). Mixed, 1 ft. ....	.25	
2554. Veris Gold Laced. Yellow, 1 ft.....	.15	
2556. Veris Elatior (Cowslip). Mixed, 1 ft...	.19	
2558. Yellow English (Vulgaris).....	.15	
2560. Mixed Hardy Sorts.....	.10	

## PYRETHRUM

Very beautiful hardy perennials with large, showy flowers and fine-cut foliage. Very desirable for beds and borders and useful as cut flowers.

## Flowering Varieties

2580. Atrosanguineum. Red, 2 ft.....	.10	
2584. Roseum Hybrids. Comet Flowered Mixed, 2 ft.....	.25	
2586. Roseum Single Hybrids. Mixed, 2 ft..	.10	
2588. Roseum Double Hybrids. Mixed, 2 ft..	.15	
2582. Uliginosum. White, 3 ft.....	.10	

## Foliage Varieties

Half-hardy perennials but best treated as half-hardy annuals. Sow in March.

2570. Aureum (Golden Feather). Golden yellow foliage, invaluable for summer bedding, 1 ft. ....	1.00	.05
2572. Aureum (Golden Gem) .....	1.00	.10
2576. Aureum Selaginoides .....	2.00	.10

RHODANTHE.—Neat, slender plants bearing graceful, nodding heads of everlasting flowers. Hardy annual, 1½ ft.

2596. Mixed .....	1.00	.05
2598. Manglesii. Rose .....	1.00	.05

## RICINUS

## (Castor Oil Plant)

Rather coarse, tender plants of remarkably rapid growth, attaining a height of from 5 to 15 feet. The stems and enormous palm-like leaves are of beautiful and varied colors. Much used in sub-tropical gardens and as a background for other plants. Half-hardy annual.

	Oz.	Pkt.
2600. Borboniensis. Large dark green foliage, 15 ft. ....	.20	.05
2602. Cambodgensis. Best dark leaved sort, 6 ft. ....	.20	.05
2604. Coerulescens. Bluish green foliage, 10 ft. ....	.20	.05
2606. Gibsoni. Very dark purple stems and foliage, 8 ft.....	.20	.05
2608. Philippinensis. Purple foliage, 6 ft....	.20	.05
2610. Sanguineus. Red foliage, 7 ft.....	.20	.05
2612. Zanzibariensis Maculatus. Bronze, changing to dark red, 10 ft.....	.20	.05
2614. Zanzibariensis Mixed. A distinct species from East Africa, growing to a large size, and varying in color from pale green to brownish purple .....	¼ lb. .60	.15 .05
2618. Mixed .....	¼ lb. .40	.15 .05

2624. ROSA MULTIFLORA NANA (Dwarf Polyanthus Rose).—Flowers first season from seed. Hardy perennial.....

.25

RUDBECKIA.—Free-flowering plants with large showy flowers, growing well in almost any soil or situation; good for cutting.

## Annual Varieties

2630. Amplexicaulis. Pure golden yellow, 2 ft. ....	.50	.05
2632. Bicolor Superba. Yellow with purple markings, 2 ft.....	.60	.10

## Hardy Perennial Varieties

2636. Fulgida (Cone Flower). Orange yellow, 4 ft. ....	1.00	.10
2638. Newmanni. Yellow with maroon centre, 3 ft. ....	2.00	.10

2680. SANVITALIA PROCUMBENS, FL. PL.—A pretty dwarf annual with yellow flowers, suitable for beds and rock-work. Yellow, ½ ft. ....

1.00 .10

SAPONARIA.—Charming little plants producing numerous showy flowers all the season. Fine for beds and ribbon borders. Hardy annual, 1 ft.

2686. Calabrica. Pink .....	.30	.05
2688. Calabrica Alba. White.....	.30	.05
2690. Calabrica. Mixed .....	.30	.05

2736. SCHIZOPETALON WALKERI.—Beautiful fringed flowers, with a delicious almond perfume. White, ¾ ft.....

1.00 .10

SEDUM (Stonecrop).—Dwarf-growing annual or biennial plants with fleshy leaves, bearing clusters of small flowers. Much used for carpet-bedding, edging, and rock-work.

2740. Coeruleum. Blue .....	.10	
2742. Sempervivoides. Scarlet .....	.10	
2744. Mixed .....	.10	

2751. SENECIO CLIVORUM.—A handsome perennial with rich orange-yellow flowers and large leaves. Well adapted for growing by the sides of lakes and streams. 4 ft....

.25

3005. SHAMROCK, TRUE IRISH (Trifolium Minus).—Hardy biennial .....

.10

SILENE (Catchfly).—Attractive annuals, producing numerous heads of bright colored flowers, useful for cutting.

2760. Armeria. Mixed, 2 ft.....	.40	.05
2762. Pendula Rosa. Rose, 1 ft.....	.30	.05
2766. Pendula Double Rose. ½ ft.....	.30	.05
2768. Pendula Double White. ½ ft.....	.30	.05
2770. Pendula Double Mixed. ½ ft.....	.30	.05





Salpiglossis

**SALPIGLOSSIS**

The Salpiglossis is a beautiful garden annual. The magnificent flowers, large and funnel-shaped, present an extremely pleasing variety of colors in mottled, veined and self-colored forms. They require good rich soil, and will amply repay in glorious effect good care and treatment.

**BRECK'S CHOICE STRAIN.**—This we believe to be the finest strain yet produced; very large flowers beautifully pencilled and veined, in rich shades of crimson, purple and yellow.

	Oz.	Pkt.
2650. Crimson .....		.15
2651. Light Blue. Veined with gold.....		.15
2652. Pink .....		.15
2653. Primrose .....		.15
2654. Purple. Gold veined.....		.15
2656. White. Gold veined.....		.15
2657. Named Varieties. Mixed.....		.10
2644. Emperor Choice Mixed.....	2.00	.10
2646. Grandiflora Tall Mixed.....	2.00	.10
2648. Dwarf Mixed .....	2.00	.10

**SCHIZANTHUS** (Butterfly Flower).—Dainty, erect, hardy annual plants with finely cut leaves and showy butterfly-like flowers; valuable for pot-culture and for bedding. 1½ ft.

2730. Mixed .....	.60	.05
2732. Wisetonensis. Flowers delicate shades of white, pink, rose and crimson.....		.25
2733. Excelsior. A mammoth-flowered strain of Wisetonensis with markings and colorings such as are found in fancy Pelargoniums. The flowers have white, buff, or rose ground colors. Unsurpassed for winter greenhouse culture .....		.50

2050. **SMILAX** (Myrsiphyllum Asparagoides). A handsome greenhouse climbing vine with delicate, dark green foliage; very useful for decorative purposes. Tender perennial, white .75 .10

**SALVIA**

(Flowering Sage)

Salvias are extremely popular and satisfactory bedding plants. The extreme brilliancy and abundance of their flowers combined with their graceful branching habit makes them one of the most gorgeous and effective late summer and autumn-flowering plants. Seed should be sown in the greenhouse or hot-bed during February or March in a temperature of from 60 to 70 degrees. Cover the seed to a depth of only four times their size and press firmly with a board. Water with a fine spray as needed, never allowing them to dry out. Transplant to small pots when 2 or 3 leaves have formed. Set out in the open border when all danger from frost is passed.

	Oz.	Pkt.
2658. Splendens, Bonfire (Scarlet Sage). Extremely handsome and effective variety producing large spikes of bright scarlet flowers. hhP, 2 ft.....	4.00	.20
2670. Splendens. Elegant tall-growing variety with immense flower spikes of dazzling scarlet. hhP, 3 ft.....	2.50	.10
2672. Splendens, Triumph. Robust early-flowering sort with scarlet flowers. hhP, 2 ft.	4.00	.15
2674. Zurich. A splendid dwarf variety producing an abundance of long brilliant scarlet flower spikes throughout the summer. hhP, 1 ft.....		.25
2666. Patens. Splendid type with intense bright blue flowers. hhP, 2 ft.....		.25
2786. <b>SOLIDAGO LATIFOLIA</b> (Goldenrod).—Hardy perennial producing large heads of deep golden-yellow flowers, often more than a foot long; blooms late in summer. 3 ft.	.70	.05
2790. <b>STACHYS LANATA</b> (Lamb's Ears).—Hardy perennial with silvery-white leaves, much used in ribbon borders and edgings. 1½ ft. ....	.50	.05



Salvia





Scabiosa

### SCABIOSA

(Mourning Bride)

Throughout the season these beautiful plants produce large double flowers on long slender stems. Splendid for decorative purposes.

Annual Varieties		Oz.	Pkt.
2700. Breck's Special Mixture .....		1.00	.10
2701. Yellow .....		1.00	.10
2702. Purple .....		1.00	.05
2704. White .....		1.00	.05
2706. Cherry Red .....		1.00	.05
2708. Flesh Pink .....		1.00	.05
2710. King of the Blacks .....		1.00	.05
2712. Lavender (Azure Fairy). Rich pale blue, a beautiful color.....		2.00	.10
2714. Pompadour. Claret edged with white..		1.00	.10
2716. Tall Double Mixed.....		.60	.05
2720. Dwarf Yellow .....		1.00	.10
2722. Dwarf White Victoria.....		1.00	.10
2724. Dwarf Mixed .....		.75	.05

Perennial Varieties		
2726. Caucasica Alba. A beautiful variety with large pure white flowers.....		.20
2727. Caucasica Blue. A splendid variety similar to the preceding, having light blue flowers .....	¼ oz.	.15
2728. Japonica. A very desirable hardy sort with delicate lavender blue flowers borne on long slender stems.....		.15
<b>SOLANUM.</b> —Extremely beautiful plants of compact, branching habit, producing numerous brilliant berries set among ornamental green leaves. Tender perennial, 2 ft.		
2780. Capsicastrum (Jerusalem Cherry). Orange .....		.10
2782. Wetherell's Hybrids. Red shades.....		.10
<b>STIPA.</b> —Ornamental grass-like plants with feathery plumes of flowers; useful for massing in borders. Hardy perennial, 2 ft.		
2812. Elegantissima .....		.10
2814. Pennata (Feather Grass).....		.10



Stock

### STOCKS

(Gilliflower)

A magnificent group of plants extensively cultivated for both summer and winter decoration. The extreme beauty of their flowers and luxuriant foliage, combined with their neat, graceful habit, makes them one of the most popular and useful plants for pot culture and bedding purposes.

The seed we offer is all pot grown especially for us in Europe, by the foremost cultivators of this splendid plant, and may be relied upon to produce a large proportion of double flowers of exquisite beauty and great size.

**BRECK'S GIANT PERFECTION.**—An extremely beautiful strain of Stock, producing immense spikes of flowers in great profusion from mid-summer until frost. The flowers are unusually large and embrace a wide range of most beautiful and varied colors. 2 ft.

	½ oz.	Pkt.
2817. White .....	1.00	.15
2818. Canary Yellow .....	1.00	.15
2819. Light Blue .....	1.00	.15
2820. Dark Blue .....	1.00	.15
2821. Blood Red .....	1.00	.15
2822. Flesh Pink .....	1.00	.15
2823. Rosy Pink .....	1.00	.15
2824. Lavender .....	1.00	.15
2825. Crimson .....	1.00	.15
2826. Rosy Mauve .....	1.00	.15
2827. Scarlet .....	1.00	.15
2828. Mixed .....	1.00	.15
Collection of 12 varieties, 75c.		
Collection of 6 varieties, 40c.		



## STOCKS (Continued)

## BRECK'S LARGE-FLOWERING TEN WEEKS.—

A splendid early-blooming variety extensively used for pot culture and summer bedding. 1 ft.

	¼ oz.	Pkt.
2830. Crimson .....	1.50	.10
2832. Brilliant Rose .....	1.50	.10
2834. Canary Yellow .....	1.50	.10
2836. Deep Red .....	1.50	.10
2838. Dark Blue .....	1.50	.10
2840. Dark Purple .....	1.50	.10
2842. Light Blue .....	1.50	.10
2844. Light Rose .....	1.50	.10
2846. Scarlet .....	1.50	.10
2848. Snow White .....	1.50	.10
2850. Mixed .....	1.25	.10

Collection of 12 distinct colors, 75c.

Collection of 6 distinct colors, 40c.

**BRECK'S IMPERIAL.**—This very excellent class of ten-week Stocks has proved a great favorite, being extremely early, showing unusually large, pyramidal, and very double flower heads.

	¼ oz.	Pkt.
2864. Pure White .....	1.00	.15
2863. Light Blue .....	1.00	.15
2862. Yellow .....	1.00	.15
2865. Rose .....	1.00	.15
2867. Dark Blue .....	1.00	.15
2869. Mixed .....	1.00	.15

**CUT-AND-COME-AGAIN.**—A magnificent strain of graceful, branching plants which, when the first blooms are cut, throw out other shoots which continue to flower all summer. Fine for summer bedding. 1½ ft.

	¼ oz.	Pkt.
2870. Pure White (Princess Alice).....	1.00	.10
2872. Light Blue .....	1.00	.10
2873. Dark Blue .....	1.00	.10
2874. Shell Pink .....	1.00	.10
2875. Flesh Pink .....	1.00	.10
2876. Scarlet .....	1.00	.10
2877. Crimson .....	1.00	.10
2878. Blood Red .....	1.00	.10
2879. Canary Yellow .....	1.00	.10
2882. Mixed .....	¾ oz. 1.50	.80
2886. Giant Column Excelsior. White .....		.15
2888. Giant Column Excelsior. Crimson .....		.15
2890. Queen Alexandra. Immense double lilac-rose flowers .....	.75	.15
2892. Giant White of Nice. Pure white.....	.75	.15
2894. Beauty of Nice. Extra large spikes of delicate flesh-pink flowers.....	.75	.15
2910. Early Autumnal. Mixed colors.....		.10
2914. Brompton, or Winter Flowering. Mixed .....		.15

**STEVIA.**—Exceedingly beautiful and useful plants producing graceful sprays of tiny flowers. Largely cultivated by florists for winter bouquets. Good for pot culture. Tender perennial, 1½ ft.

	Pkt.
2806. Eupatoria. White.....	.10
2807. Serrata. White.....	.15
2808. Lindleyana. Rose.....	.10

**STOKESIA (Cornflower Aster).**—Attractive perennials bearing large Aster-like flowers about 3 inches across, blooming from August until frost. An excellent border plant. 1½ ft.

	¼ oz.	Pkt.
2925. Cyanea. Blue .....	1.00	.10
2926. Cyanea Alba. White.....	1.00	.10

## SUNFLOWER

(Helianthus)

The strong growth of these well-known plants makes them unsuitable for bedding; but they are very useful for massing in shrubbery or borders, and for screening purposes. They do well in sunny positions, in any kind of soil. Seeds may be sown in the open ground as soon as the weather is suitable, or indoors in March and April and later transplanted.

## Single Annual Sunflowers

Oz. Pkt.

1412. Cucumerifolius (Miniature Sunflower). Bears small, single, rich yellow flowers with black centre, from July till frost. Branching in habit and good for cutting. 4 ft.....	.40	.05
1419. Giant Russian. The common tall sort with immense single flowers. 7 ft.....	.10	.05
1422. Henry Wilde. Orange with black center. 3 ft.....	.60	.05
1421. Orion. Artistic and effective variety with Cactus-Dahlia-like flowers of a golden yellow shade. 4 ft.....	.50	.05
1423. Stella (Improved Miniature Sunflower). Larger and better flowers than Cucumerifolius. Color, golden-yellow with black disc. 4 ft.....	.50	.05

## Double Annual Sunflowers

1411. Californicus. Large double flowers of perfect form. 4 ft.....	.30	.05
1415. Globulus Fistulosus (Globe, or Dahlia Sunflower). Large double flower of a rich saffron color. 4 ft.....	.50	.05

## Hardy Perennial Sunflowers

1432. Maximiliana. Clear, single yellow flowers. Continues in bloom till frost. 6 ft.	2.00	.10
1430. Mollis. Single, light yellow flowers and silvery white foliage. Good for cutting. 6 ft.		.15
1431. Orgyalis. Yellow, 6 ft.....		.15
1433. Rigidus. One of the best yellow perennials for cutting. 5 ft.....		.15

2930. **SWAINSONIA GRANDIFLORA ALBA.**—Sweet Pea-like flowers suitable for pot culture or bedding. White, tender perennial, 2½ ft. ....

.25

**SWEET CLOVER (Melilotus).**—Border plants chiefly grown for their fragrant flowers. Hardy annual, 1½ ft.

2936. Alba. White.....	.30	.05
2938. Coerulea. Blue.....	.30	.05

## SWEET WILLIAM

(Dianthus Barbatus)

Popular hardy biennials of easy culture extensively used in old-fashioned gardens; flowers of brilliant colors borne in large clusters, fine for cutting. 1½ ft.

1068. NEWPORT PINK.—Color watermelon pink; fragrant. 18 in. high.....	3.00	.15
1060. Breck's Auricula-Eyed Choice Mixed...	1.00	.10
1061. Single Mixed .....	.30	.05
1062. Pink Beauty. Improved deep pink.		
	¾ oz. .60	2.00 .15
1063. Salmon Pink .....	¾ oz. .60	2.00 .15
1064. Crimson .....	.60	.05
1065. White .....	.60	.05
1067. Double Mixed .....	¾ oz. .50	.10





## SWEET PEAS

The following named varieties of Sweet Peas have been selected from those recommended by the leading specialists and we offer them as particularly desirable for general culture.

As early in the spring as the ground can be worked, sow the seed at a depth of 6 inches, in a trench which has been previously well prepared with manure to a depth of a foot or more. Cover the seed with an inch of soil; then, when the shoots appear thin out as necessary, and as the plants grow gradually fill the trench until nearly up to the level of the surrounding ground, the slight depression being left to retain moisture. Support the vines on brush or wire netting. Close picking of the flowers prolongs the season of bloom.

**GIANT SPENCER, or ORCHID-FLOWERING VARIETIES.**—The waved, or Spencer varieties of sweet peas represent the finest type yet introduced. Being of strong growth and bearing large flowers set on long stems, this type is preferred by gardeners and florists. The flower-standard is round, with fluted or waved edges; as very few seeds are set, the blossoming season is lengthened.

1897. **Giant Spencer, or Orchid-flowering** ¼ lb. Oz. Pkt.  
**Mixture.** This mixture contains in equal proportions colors of the finest varieties of Spencers. The flowers are large and waved, borne on sturdy stems; the enormous range of colors makes this one of the most superb mixtures ever offered . . . . . Lb. 2.50 .75 .25 .10

### Pure White

1768. **Etta Dyke.** Large, pure white. . . . 1.00 .30 .10  
4020. **Isobel Malcolm.** Very fine, ivory white . . . . . 1.00 .15

4023. **King White.** Sometimes known as "The Perfect" White Spencer, superior in size, form and substance to all other white sorts; of vigorous growth, giving a large proportion of four-flowered sprays, beautifully waved. . . . 1.50 .50 .10  
4038. **Moneymaker.** Pure white, waved, very solid, good for market work. . . . 1.00 .10  
1847. **Nora Unwin.** Charming white, very large . . . . . .50 .20 .10  
4046. **Norvic (1915).** This is one of the largest and best strains of White Spencer yet introduced. The blooms are very large and well waved. . . . . 1.50 .15  
4055. **Snowdon.** Pure white, of great substance and beautifully waved. . . . 1.00 .20  
1895. **White Spencer.** Enormous pure white flowers, elegantly frilled. . . . . 1.00 .30 .10

### Lavender

4001. **Alfred Watkins (1915).** A pure clear lavender. When this becomes distributed we are sure it will supersede all other pale lavenders, as it has size to recommend it. . . . . 1.50 .15  
1732. **Asta Ohn.** Lavender, tinted mauve; very fine. . . . . 1.25 .40 .10  
1779. **Florence Nightingale.** A soft, rich lavender, faintly shaded rose; wings well frilled and waved. . . . . 1.25 .40 .10  
4015. **Empress Eugenie.** A very charming flower; color, delicate tone of light grey, flaked with light lavender; a vigorous grower and very free bloomer, showing a large proportion of four-flowered sprays. . . . . 1.00 .15  
1772. **Frank Dolby (Unwin Type).** A lovely pale blue. . . . . .60 .20 .10  
1833. **Mrs. Chas. Foster.** Lavender, flushed pale rose. . . . . 1.00 .30 .10  
4045. **Mrs. Heslington.** Lavender, heavily suffused with mauve. . . . . .75 .15

### Crimson and Scarlet

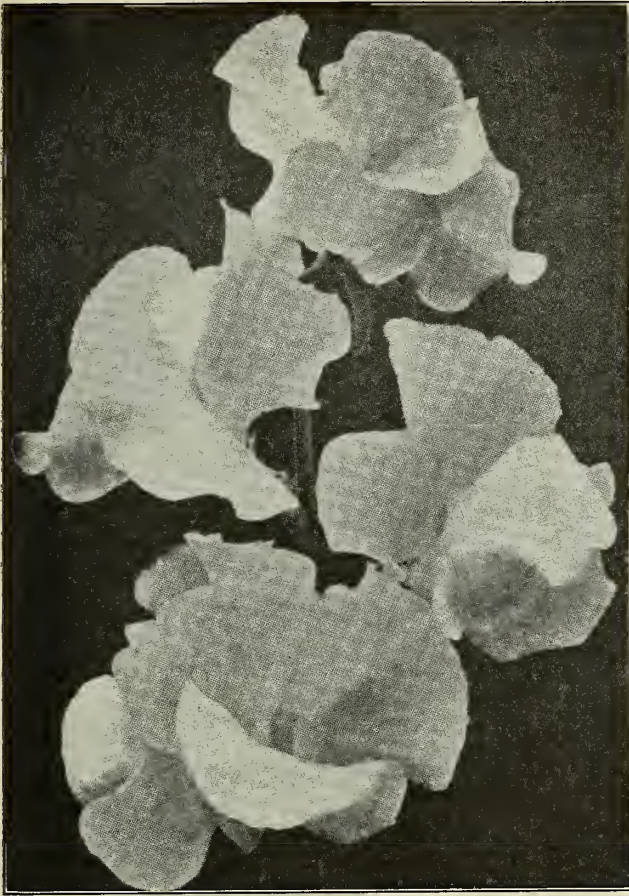
4013. **Duplex Crimson King.** Duplex from King Edward Spencer. . . . . .75 .15  
1803. **King Edward.** Giant flower, self-colored bright crimson. . . . . 1.00 .30 .10  
1824. **Maud Holmes (Sunproof Crimson Spencer).** Beautiful crimson-scarlet flowers, borne on long stems. Will not burn in the hottest sun. . . . . 1.25 .40 .15  
1854. **Queen Alexandra.** Beautifully curved and fluted, one of the best of the self-colored crimson scarlets. . . . 1.25 .40 .10



## SWEET PEAS (Continued)

1884. Thomas Stevenson. Bright orange-scarlet, usually four flowers on a stem	¼ lb.	Oz.	Pkt.	
4053. Scarlet Emperor. Large, rich scarlet		.50	.15	
		1.50	.15	
<b>Maroon</b>				
1734. Black Knight. Shining deep maroon	1.00	.30	.10	
1852. Othello. A rich, deep glossy maroon	1.25	.40	.10	
4050. Red Chief. Rich reddish, maroon-waved		.75	.15	
<b>Blue and Purple</b>				
1726. A. J. Cook (Unwin Type). Fine violet self of good size	.75	.25	.10	
1773. Flora Norton. Bright blue, with a slight tint of purple	1.00	.30	.10	
4028. Lord Nelson. Fine dark blue			.20	
4031. Mrs. Walter Wright. Large; mauve blue	1.25	.40	.10	
4048. Princess Mary. Medium blue	1.50	.20		
4052. Royal Purple (1915). The color of this charming variety is a fine Royal Purple and beautifully waved. It is absolutely distinct	1.00	.15		
4060. Wedgewood. Flowers of good size, and a fine shade of Wedgewood blue; wings well waved; very free flowering; considered by Sweet Pea experts to be the very finest blue variety yet introduced		.75	.15	
<b>Blush White</b>				
1764. Elfrida Pearson. Light pink and blush	1.00	.30	.10	
1853. Paradise Ivory. Ivory white, tinged with buff on standard	1.00	.30	.10	
<b>Buff with Picotee Edge</b>				
1769. Evelyn Hemus. Buff, shading to yellow, edged pink	1.00	.30	.10	
1829. Mrs. C. W. Breadmore. Buff ground, with rosy picotee edge	1.00	.30	.10	
<b>Striped, Marbled and Mottled</b>				
1727. America. Scarlet-red, flaked on white	1.00	.30	.10	
1733. Aurora. Creamy white, flaked and mottled with orange-salmon	1.25	.40	.10	
1851. Helen Pierce. Violet mottled on pure white	1.50	.50	.10	
4000. Agricola. Blush-suffused rosy lilac			Pkt. .20; 3 for .50	
<b>Pink Shades</b>				
1729. Apple Blossom. Rose and blush, waved	1.00	.30	.10	
1744. Countess Spencer. Clear pink showing a little deeper at the edges. A beautiful variety	1.00	.30	.10	
4009. Dobbies Frilled (1915). Pink. This is one of the most charming Sweet Peas ever raised. It is a duplex form of Countess Spencer at its best. A distinct novelty which will amply repay a little extra care; 90% double flowers			Pkt. .20; 3 for .50	
4010. Duplex Spencer. Deep, rich pink, mostly with double standards	1.50	.50	.10	
1774. Florence Morse. Light-blush pink, waved	1.00	.30	.10	
1777. Gladys Unwin (Unwin Type). A beautiful shade of light rose pink. One of the finest of the pink Sweet Peas	.50	.15	.10	
4025. Lillian (New). Very large, pale pink, flushed buff	¼ lb.	Oz.	Pkt.	.15
4030. Margaret Atlee. Duplex salmon-pink, suffused on cream ground. (New)		1.50	.20	
1826. Mrs. Alfred Watkins (Unwin Type). A superb pale pink	.75	.25	.10	
1837. Mrs. Hardcastle Sykes. Delicate blush pink, waved	1.00	.30	.10	
1827. Mrs. Henry Bell. Rich apricot-pink, cream ground	1.00	.30	.10	
1767. Mrs. Hugh Dickson. The best of the cream pinks	1.00	.35	.10	
1836. Mrs. Routzahn. Apricot suffused with pink, deepening on edge	1.25	.40	.10	
<b>Carmine and Rose</b>				
1762. E. J. Castle (Unwin Type). Rich carmine rose, shading salmon	.60	.20	.10	
1783. Helen Lewis. Standard orange; wings rosy salmon	1.00	.30	.10	
1797. John Ingman. Rosy carmine, showing dark veins	.80	.25	.10	
4018. Illuminator. A variety of great beauty; a distinct new color; flowers well placed, upon long stout stems; color of flower ranges from salmon-orange, through rich bright cerise pink	1.00	.15		
<b>Pink and White</b>				
1722. Blanche Ferry. A large variety with pink standard and wings white, suffused with pale pink	1.00	.30	.10	
1745. Dainty. In a bud state it looks a pale primrose self; when opening first it appears to be white, but soon changes to white with a pink edge, making a very charming contrast	1.00	.30	.10	
1823. Marjorie Willis. Glowing rose with a white base	.75	.25	.10	
4033. Martha Washington (New). White, standard stained pink	.50	.10		
4040. Mrs. Cuthbertson. Standard bright pink, wings white	.75	.15		
4059. Veiled Bride (1915). White, daintily flaked and marbled soft rose pink, the coloring extending over both standard and wings	.5 pkts. 1.00		.25	
<b>Primrose Yellow and Orange</b>				
4011. Dobbies Cream. We consider this the very best deep cream or primrose colored variety; nicely waved, an abundance of four-bloom sprays and most floriferous	1.00	.30	.10	
4016. Harmony (1915). Deep lemon ground color, suffused with lavender and pink. A refined strong growing variety, very free bloomer. A very distinct variety			Pkt. .20; 3 for .50	
1759. Clara Curtis. Extra large, deep cream yellow	1.00	.30	.10	
1821. Mrs. Collier. Extra large, rich yellow	.75	.25	.10	
1856. Primrose Spencer. Beautiful primrose-yellow	1.00	.30	.10	
4047. Orangeman (1915). Rich deep orange, of true Spencer form, beautifully waved. Fine for exhibition.			Pkt. .20; 3 for .50	
4051. Robert Sydenham (1915). Is the most striking novelty which has been introduced for many years; in color a rich glowing orange self, the wings and standard of the same shade.			Pkt. .25; 5 for 1.00	





Alfred Watkins

SWEET PEAS (Continued)  
Grandiflora Varieties

## BRECK'S BOSTON MIXTURE

1900. This mixture is made up of the leading and most showy varieties. We make this mixture ourselves and care is taken to have the colors well balanced.

Lb. 1.00; ½ lb. .50; ¼ lb. 30 .10 .05

Prices of the following varieties, except where otherwise quoted: Lb., 1.00; ½ lb. .50; ¼ lb. .30; Oz. .10; Pkt. .05.

1730. America. Bright red and white striped.  
1731. Agnes Johnson. Light pink, shaded with buff.

1735. Black Knight. Deep maroon.

1737. Blanche Ferry. Rose and white. Oz. Pkt.  
Lb. 1.50; ½ lb. .50 .15 .05

1740. Capt. of the Blues. Standard purple, wings blue.

1741. Countess of Cadogan. Lilac and blue.

1743. Countess of Radnor. Lavender.

1751. Dorothy Eckford. Large white.

1755. Duke of Westminster. Purple, wings violet.

1758. Evelyn Byatt. Scarlet-orange.

1760. Earliest of All. Rose and white.

1765. Emily Eckford. Rose-lilac and blue.

1770. Firefly. Bright red.

1775. Golden Rose. Primrose, striped pink.

1780. Harvard. True Harvard crimson.

1785. Helen Pierce. Blue mottled on white. Oz. Pkt.  
1787. Henry Eckford. Orange.

Lb. 1.50; ¼ lb. .50 .15 .05

1790. Hon. Mrs. E. Kenyon. Large primrose.

1800. Katherine Tracy. Pink.

1802. King Edward VII. Bright red.

1805. Lady Grisell Hamilton. Lavender.

1828. Miss Wilmott. Large orange-pink.

1832. Mont Blanc. White, very early.

Lb. 1.50; ¼ lb. .50 .15 .05

1845. Navy Blue. Indigo and violet.

1850. Othello. Deep maroon.

1855. Prima Donna. Pink.

1857. Prince Edward of York. Scarlet and crimson.

1860. Princess of Wales. Striped mauve, white ground.

1862. Queen Alexandra. Bright scarlet.

Lb. 1.50; ¼ lb. .50 .15 .05

1870. Sadie Burpee. White.

1875. Senator. Maroon and violet, white striped.

1880. Stella Morse. Buff, tinted pink.

1885. Sue Earle. Primrose, edged with mauve.

1890. Venus. Buff pink.

## STATICE

(Sea Lavender)

Handsome plants producing panicles of pretty little flowers all summer. Very good in borders and rock-work.

2796. Annual Varieties Mixed..... .40 .05

Perennial Varieties. 2 Feet

2798. Gmelini. Light blue..... 1.00 .10

2799. Latifolia ..... 2.00 .10

2800. Mixed ..... .50 .05

## THUNBERGIA

A slender trailing vine with neat green foliage and numerous extremely pretty flowers. Splendid for hanging pots, vases, etc. Half-hardy annual.

2996. Alata. Yellow with black eye..... .10

2997. Alata Alba. White with dark eye..... .10

2998. Mixed ..... .10

## TORENIA

Very graceful, free-flowering plants producing an abundance of beautifully-colored flowers all summer. Tender annual, 1 ft.

3000. Fournieri. Mixed ..... .15

3001. Fournieri Grandiflora. Blue..... .25

3002. Fournieri. White wings..... .25

## TRITOMA

(Red Hot Poker Plant)

Early in autumn these unique and striking plants produce tall, pyramidal spikes of blazing red, tubular flowers. Half-hardy perennial.

3008. Express. Scarlet ..... .20

3010. Uvaria Grandiflora. Scarlet ..... .10

## TROLLIUS

(Globe Flower)

An excellent hardy perennial having finely-divided deep green foliage and large globular flowers borne on stout, erect stems. A good border plant, excellent for cutting. 1½ ft.

3020. Caucasicus. Orange ..... .25

3024. Europaeus (Double Buttercup). Yellow .10

3026. Mixed ..... .15





Verbena

**VERBENA**

Verbenas are the most popular and satisfactory bedding plants in cultivation. Their heads of brilliantly colored flowers are borne in constant succession from June until frost. The flowers are large and splendid for cutting.

To secure early plants the seed should be sown in the greenhouse or hot-bed in February or March and the seedlings transplanted to the open border in May.

Seeds may be sown in the open border when all danger from frost is passed.

	Oz.	¼ oz.	Pkt.
3192. White .....	2.00	.60	.10
3194. Pink .....	2.00	.60	.10
3195. Blue. True dark.....	2.00	.60	.10
3196. Scarlet .....	2.00	.60	.10
3197. Striped .....	2.00	.60	.10
3200. Breck's Mammoth Mixed. A superb mixture comprising the most beautiful and brilliant colors.....	2.00	.60	.10

	Oz.	Pkt.
3202. Choice Mixed .....	1.00	.10
3188. Monstrosa Mixed. Auricula-eyed.		.15
3190. Auricula-Flowered Mixed. Large flowers with white eye on each floret.	¾ oz. .75	.10

110. Lemon Verbena (*Aloysia Citriodora*). Tender perennial with fragrant leaves. The young sprays are very useful for intermingling with flowers in bouquets .....

3210. Montana. Bluish lilac flowers. hP. ....

**VALERIAN.**—One of the most highly prized old-fashioned, hardy perennials. In spring it bears dense clusters of small heliotrope-scented flowers. 4 ft.

*3180. White .....	.75	.10
3181. Red .....	.75	.10
3182. Officinalis (Hardy Garden Heliotrope). Pink .....	2.00	.15
3185. Mixed .....	.50	.05

**VISCARIA** (*Rock Lychnis*).—A popular, slender-stemmed annual bearing attractive flowers about an inch in diameter. 1 ft.

3410. Cardinalis. Scarlet .....	1.00	.10
3411. Oculata Azurea. Blue .....	.60	.05
3412. Oculata Coerulea. Blue .....	.60	.05

**VERONICA** (*Speedwell*).—Splendid hardy plants which bear unusually long spikes of small, showy flowers during August and September. One of the best of the late-flowering hardy perennials.

	Oz.	Pkt.
3220. Longifolia. Blue .....		.10
3221. Spicata. Violet blue.....		.10
3222. Spicata Alba. Pure white.....		.10
3225. Finest Mixed .....		.10

**VINCA** (*Periwinkle, or Old Maid*).—Splendid, tender perennials with luxuriant, dark green foliage and round, single flowers that bloom freely all summer. Excellent for summer bedding and pot culture. 1 ft.

3230. Alba. White .....	1.00	.05
3234. Rosea. Rose .....	1.00	.05
3236. Rosea Alba. Rose and white.....	1.00	.05
3240. Mixed .....	1.00	.05

**VIOLET** (*Viola Odorata*).—Pretty, free-blooming, hardy violets with large fragrant flowers. Only single varieties can be raised from seed.

3390. Odorata Semperflorens. Dark blue.....		.10
3394. —(The Czar). Violet blue.....		.10
3396. —(White Czar). Pure white.....		.10
3398. —Mixed .....		.10

1910. **VIRGINIAN STOCK, Mixed.**—A pretty, branching, hardy annual with an abundance of bright flowers. An excellent plant for bordering a bed; easily grown from seed..

.30 .05

**WAHLENBERGIA** (*Platycodon*).—A handsome herbaceous perennial of graceful bushy habit bearing many large, white or blue, bell-shaped flowers.

3420. Grandiflora. Blue.....	2.00	.10
3422. Grandiflora Alba. White.....	2.00	.10

**WALLFLOWER**

(*Cherianthus*)

An old garden favorite blooming in the spring; much prized for its pretty fragrant flowers, which range from brown to yellow. 1 ft.

3430. Double German Mixed. hhP.....		.15
3432. Single German Mixed. hhP.....	.50	.05
3434. Single Annual Mixed.....	.80	.10

**WHITLAVIA.**—Pretty hardy annuals producing numerous bell-shaped flowers throughout the season. 1 ft.

3440. Grandiflora. Blue.....	.80	.05
3442. Grandiflora Alba .....	.80	.05

3480. **Y U C C A FILAMENTOSA** (*Adam's Needle*).—Showy plants with long, narrow sword-like leaves and tall branching stalks of creamy white bell-shaped flowers. Very effective when planted in masses and among other perennials. White, hardy perennial, 4 ft. ....

.10

**ZE A JAPONICA** (*Ornamental Maize*).—Ornamental plants with beautifully-striped, drooping foliage.

3490. Japonica Variegata .....		.10
3492. Gigantea Quadricolor .....		.10





Zinnia

## ZINNIA

One of the most popular and most extensively used of all our hardy annuals for beds, mixed borders and for cutting purposes. They require very little attention; will grow in any good garden soil. Seed sown early in heat will begin to bloom in June and continue until frost, or seed may be sown where they are intended to bloom as soon as frost has gone.

**BRECK'S NEW GIANT** (*Grandiflora Plenissima*).—The flowers of this variety measure from 5 to 6 inches across; are mostly very double, borne on long stiff stems. It is the finest strain of Zinnias we can procure.

	¼ oz.	Pkt.
3600. Crimson .....	1.00	.15
3604. Flesh Color .....	1.00	.15
3606. Golden Yellow .....	1.00	.15
3608. Purple .....	1.00	.15
3610. Scarlet .....	1.00	.15
3612. Sulphur Yellow .....	1.00	.15
3616. Violet .....	1.00	.15
3618. White .....	1.00	.15
3620. Breck's New Giant Mixed.....	.75	.15

**BRECK'S TALL DEFIANCE.**—2 feet.

	Oz.	Pkt.
3500. Choice Mixed .....	.60	.05
3502. Carmine .....	.60	.05
3504. Crimson .....	.60	.05
3506. Flesh Pink .....	.60	.05
3508. Golden Yellow .....	.60	.05
3510. Light Yellow .....	.60	.05
3512. Lilac .....	.60	.05
3514. Purple .....	.60	.05
3516. Rose .....	.60	.05
3518. Scarlet. Light .....	.60	.05
3520. Scarlet. Dark .....	.60	.05
3522. Striped .....	.60	.05
3524. White .....	.60	.05

Collection of 6 varieties, 30c.

	Oz.	¼ oz.	Pkt.
3540. Choice Mixed .....	.75	.25	.05
3542. Carmine .....	.75	.25	.05
3544. Crimson .....	.75	.25	.05
3546. Flesh Pink .....	.75	.25	.05
3548. Golden Yellow .....	.75	.25	.05
3550. Light Yellow .....	.75	.25	.05
3552. Lilac .....	.75	.25	.05
3554. Purple .....	.75	.25	.05
3556. Rose .....	.75	.25	.05
3558. Light Scarlet .....	.75	.25	.05
3560. Dark Scarlet .....	.75	.25	.05
3562. Striped .....	.75	.25	.05
3564. White .....	.75	.25	.05
Collection of 6 varieties, 30c.			
3570. Lilliput Mixed. ¾ ft.....		1.00	.10
3572. Tom Thumb Mixed. ½ ft.....		1.50	.15
3574. Curled and Crested Mixed. 1 ft...		1.50	.10
3526. Elegans Grandiflora Cardinal.			
Color is a rich crimson scarlet. The flowers are very large and double measuring 5 inches across.....			.20
3527. Dwarf Red Riding Hood. A perfect compact plant, covered the entire season with small button-like double flowers of an intense scarlet.....		1.00	.10

**BRECK'S COLLECTIONS OF FLOWER SEEDS**

Collection "A," price 25c, contains one packet each of Mignonette; Alyssum, white; Sweet Peas, fine mixed; Phlox Drummondii, fine mixed; Portulaca, fine mixed; Chinese Pink, fine mixed.

Collection "B," price 50c, contains the varieties in Collection "A," with the following additions. Nasturtium, Tom Thumb, fine mixed; Candytuft, finest mixed; Aster, fine mixed; Pansy, finest mixed; Eschscholtzia, fine mixed; Morning Glory, fine mixed.

Collection "C," price 75c, contains the varieties in Collections "A" and "B," with the following additions: Coreopsis, fine mixed; Balsam, fine mixed; Zinnia, fine mixed; Mourning Bride, fine mixed; Petunia, finest mixed; Calendula, "Meteor," yellow.

Collection "D," price \$1.00, contains the varieties in Collections "A," "B" and "C," with the following additions: Tall Nasturtium, fine mixed; Marigold, French, striped; Larkspur, dwarf Rocket; Poppy, double mixed; Convolvulus, dwarf mixed; Chrysanthemum, fine mixed; Antirrhinum, finest mixed.

Collection "E." This assortment produces a fine effect in the garden and all the sorts are suitable for bouquets. Price 50c. Abronia, Ageratum, Amaranthus Bicolor, Aquilegia, Aster, Chrysanthemum-flowered, Calliopsis, Collinsia, Dianthus Chinensis, Godetia, Mignonette, Phlox Drummondii, Zinnia.

Collection "F." The following kinds are specially suitable for growing in vases or hanging baskets. Price 25c. Alyssum Maritimum, Convolvulus Mauritanicus, Dwarf Nasturtiums, Lobelia's Nasturtiums, Lobelia Gracilis, Mimulus Moschatus.

**BRECK'S WILD GARDEN MIXTURE**

Any one who has cultivated flowers in neatly laid out beds or carefully planted ribbon borders is aware of the amount of labor and constant attention necessary to produce the desired effect. To those who cannot give this care, we offer "Wild Garden Seeds," a mixture of over one hundred varieties of hardy flower seeds. No one who has not seen such a bed can form an idea of its possibilities, the different seasons of bloom insuring something new almost every day. Pkt., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.50.



## SUMMER FLOWERING BULBS AND PLANTS

## Amaryllis

Amaryllis. Lovely lily-like plants that produce flowers in almost every shade of color.

- A. *Belladonna Major*. Rosy pink, fragrant. 25c each.  
A. *Formosissima* (Jacobean Lily). Blooms freely out of doors, flowers velvety crimson. 15c each; \$1.75 per doz.  
A. *Johnsoni*. Large crimson and white flowers. 75c each; \$4.00 per doz.

## Begonias. (Tuberous Rooted)

The flowers of these desirable bedding plants are not destroyed by rain storms, but seem to shine more brilliantly after every shower. The colors are varied and beautiful. Single flowered sorts are as follows: Red, Crimson, Scarlet, Rose, Pink, White, Yellow, Bronze, Striped. 5c each; 50c doz.; \$3.75 per 100; \$32.00 per 1000. Single Flowered Mixed. 4c each; 40c doz.; \$3.00 per 100; \$27.00 per 1000.

Double Flowered Sorts. Same color as the single kind. 10c each; \$1.00 per doz.; \$6.50 per 100; \$55.00 per 1000. Double Flowered Mixed. 8c each; 85c doz.; \$5.50 per 100; \$50.00 per 1000.

New Single Frilled. The flowers of this variety are very large, borne on stout stems and beautifully frilled. In six separate colors. \$1.00 per doz.; \$7.50 per 100. Count Zeppelin. Intense scarlet, 8 to 10 inches in height with full double flowers 1½ inches across. Blossoms from July until frost. 20c each; \$2.00 per doz.

LaFayette. Brilliant scarlet with size and habit same as Count Zeppelin. 20c each; \$2.00 per doz. Marmorata. Striped and flaked. Good form and free flowering. Single flowered, 10c each; \$1.00 per doz. Double flowered, 15c each; \$1.50 per doz.

Crispa Fimbriata. Beautifully formed and fimbriated flowers in many shades. 15c each; \$1.50 per doz.

## Tuberoses

Double Pearl Excelsior. These are universal favorites and very easily grown. Before potting remove the small offsets, use rich loam and start in hot bed or in house; do not set out until all danger from frost is past. 5c each; 30c per doz.; \$2.00 per 100.

Single, Variegated Leaved. An early single white variety with the green leaves finely edged and marked with gold stripes. 10c each; 50c per doz.; \$3.00 per 100.

## BEDDING PLANTS, FLOWERING AND FOLIAGE

Started in pots, for planting after May 1st.

	Per Doz.	Per 100
Abutilon. In variety.....	\$1.50	\$10.00
Achyranthes. Collinsii.....	1.25	8.00
Ageratum. Best dwarf blue.....	1.00	7.00
Alternanthera. Dwarf.....	.75	6.00
Alyssum. White.....	.75	6.00
Antirrhinum. Mixed or separate colors.....	1.00	7.00
Asters. Assorted colors.....	.50	3.50
Begonias. Choice varieties.....	1.75	12.00
Begonia Gracilis. White, red, and pink.....	1.00	8.00
Begonia Gloire De Chatelaine. Beautiful rose color.....	1.00	8.00
Caladium Esculentum.....	2.00	15.00
Calendula. Deep yellow.....	1.00	8.00
Carnation, Margaret. Assorted.....	1.50	10.00
Centaurea Candidissima.....	1.00	7.00
Centaurea Gymnocarpa. Silvery foliage.....	.75	6.00
Cobaea Scandens.....	1.50	10.00
Coleus. Fine varieties.....	.90	6.00
Cannas in Variety.....	1.50	10.00
Double Daisy.....	.75	6.00
Feverfew. Double white, free-flowing.....	1.25	10.00
Forget-me-not.....	.75	6.00
Fuchsias. Various fine sorts, small plants.....	1.25	10.00
Geranium. Double, red, rose, white.....	1.50	10.00
Geranium. Single, scarlet, white, red.....	1.50	10.00
Geranium. Single, silver-leaved.....	1.50	10.00

## Gloxinias

Large tubular flowers of gorgeous coloring. Bulbs potted in light, sandy loam in February or March will bloom in June or July. Strong flowering bulbs in six separate colors. 10c each; \$1.00 per doz.; \$7.50 per 100.

## Tuberous Vines

Cinnamon Vine. Hardy climber, shining green foliage, fragrant white flowers. 5c each; 50c doz.  
Madiera Vines. A beautiful rapid growing climber, bearing in profusion very fragrant white flowers. 5c each; 50c doz.

Japanese Large Flowering  
Chrysanthemums

Not hardy, for greenhouse growing.

The following varieties are the best of the large-flowering sorts. Plants ready about May first.

Pockett's Crimson. Splendid exhibition variety.  
Merza. Pure white; large flower.  
Nellie Pockett. A massive white of great depth.  
Mrs. Norman Davis. Fine white; one of the best.  
Col. D. Appleton. Deep golden yellow; large round flower.  
Cheltoni. Large yellow; a monster flower.  
F. S. Vallis. One of the best yellows.  
A. J. Balfour. Handsome pink; habit strong and erect.  
M. F. Plant. Deep pink, reflexed petals.  
Mrs. C. H. Totty. Light pink, very showy.  
Glenview. Reddish bronze, well built.  
Mrs. H. Partridge. Crimson, broad petals; handsome flower.

Strong Plants from 2¼ inch pots.  
15c each; \$1.50 per doz.; \$10.00 per 100.

## Water Lilies (Hardy Nymphaeas)

These are all equally as hardy as our native Pond Lily and may be planted as soon as vegetation commences in spring and any time during the season until the end of August.

Alba. The hardy white English pond lily. 50c each.  
Odorata. Our native white pond lily. 50c each.  
Odorata Sulphurea. Large yellow fragrant flowers. 50c each.  
Odorata Rosea. Cape Cod pink pond lily. 50c each.

	Per Doz.	Per 100
Heliotropes.....	1.25	9.00
Hollyhocks. Choice strain.....	2.00	15.00
Lantanas. Choice varieties.....	1.00	8.00
Lobelias. Various sorts.....	.75	6.00
Lemon Verbenas.....	1.75	12.00
Marigold. French and African.....	.75	6.00
Mignonette. Giant, sweet scented.....	1.00	8.00
Myrtle. For graves and rockwork. 35c per basket.....		
Nasturtium. Dwarf; assorted.....	.75	6.00
Nasturtium. Tall; assorted.....	.75	6.00
Nicotiana affinis.....	.75	6.00
Pansies. Extra large flowered.....	.50	4.00
Petunia. Double choice varieties.....	1.75	12.00
Petunia. Single, dwarf or tall.....	1.00	8.00
Phlox Drummondii. All colors.....	.75	6.00
Ricinus. In variety.....	1.50	12.00
Salpiglossis. Mixed or separate colors.....	1.00	8.00
Salvia. Scarlet, for beds, etc.....	1.25	10.00
Stocks. Double, ten weeks.....	1.25	10.00
Torenia Fournieri. Dwarf blue. Fine for edging.....	.75	6.00
Verbenas. Assorted colors, extra.....	.75	6.00
Vincas. Red and white.....	1.25	9.00
Variegated Vincas.....	2.50	18.00
Zinnias. Assorted colors.....	.50	4.50



## Breck's Dahlias



Bertha Von Sutton

Planting should not be made until danger of frost is past in May. The bulbs should be lifted as soon as foliage is injured by first frost in the fall, dried, packed in sand and stored during the winter in a warm place.

Special Dahlia Catalogue, giving a full list of newest and most up-to-date varieties, mailed on application.

### DECORATIVE

**Beloit.** Very large, full and double, splendid form, rich purplish garnet, deepening towards the centre, stems extra long and strong. 35c each.

**Bobby Burns.** A fine deep, rich, clear pink. 25c each.

**Commandant Rivoire.** Superb large size flowers, color deep crimson, purple often marked white on tips and edges. 50c each.

**Delice.** Soft glowing rose pink, perfect form and stem. 25c each.

**Gov. Floyd.** A beauty of good habit, form, size and stem, violet maroon striped and splashed white. 35c each.

**Golden West.** A fine large primrose yellow, free and good. 35c each.

**Hortulanus Witte.** A pure white with large flowers; a splendid cut flower and exhibition variety. 25c each.

**Immense.** An enormous Dahlia with petals watered white, streaked and bordered with rose cerise. 35c each.

**J. M. Goodrich.** Splendid habit, stem and flower form, perfect, pink pencilled and tipped with pale gold. 35c each.

**Jeannie Charmet.** A beautiful white flower tinged with pink. 25c each.

**Le Grand Manitou.** White ground, heavily striped and blotched with violet red, fine and large with high full centre. 50c each.

**Oregon Beauty.** Very large, well formed flower; vivid red. 50c each.

**R. P. Struthers.** The best brilliant red decorative. 50c each.

**Royal Purple.** A beautiful shade of purple. 20c each.

**Yellow Colosse.** An extremely good yellow. 25c each.

1 dozen our selection, \$2.00.

### SHOW

**A. D. Livoni.** A beautiful pink, full early, best for cutting. 15c each.

**Caleb Powers.** Shell pink, beautiful color and form. 15c each.

**Frank Smith.** Rich purplish maroon tipped pink. 20c each.

**Gen. Miles.** Most immense and massive lavender pink striped purplish magenta, unique color, one of the best. 50c each.

**Gov. Guild.** Best large white, long stem, good form. 35c each.

**G. D. Alexis.** Large white tipped lavender. 15c each.

**Jeanni Johnson.** Finest pink and white, large and free. 25c each.

**H. Scalabre.** The most perfect white in all ways. 25c each.

**Mrs. G. Abbott.** Bright golden yellow speckled and striped, intense scarlet, large, full and free. 50c each.

**Purple Duke.** Large purple, quilled, like G. D. Alexis. 25c each.

**W. W. Rawson.** White over-laid amethyst, extra good. 25c each.

**Yellow Duke.** A fine primrose yellow for cutting. 25c each.

1 dozen our selection, \$2.00.

### PAEONY FLOWERED

**Admiration.** Rosy crimson, veined yellow. 35c each.

**Avalanche.** The finest pure white. 50c each.

**Bertha Von Sutton.** Immense flower, lovely salmon pink, shaded yellow. 50c each.

**Garibaldi.** Large rich garnet, free blooming and long stems. 25c each.

**Geisha.** A most sensational variety, scarlet and gold, no two alike, free, large and showy with curled petals. 50c each.

**Germania.** Dazzling bright crimson, attractive. 20c each.

**Glory of Baario.** A lovely delicate pink. 25c each.

**Hampton Court.** One of the best, large, bright mauve pink. 35c each.

**John Wannamaker.** Large pink lavender. 25c each.

**King Leopold.** Shades of primrose, extra free blooming. 20c each.

**Lemon King.** New, probably the best yellow, large and free. 35c each.

**Phenomenal.** A combination of curling petals with coloring of white, red, purple, yellow and violet; a large flower. 50c each.

**Queen Emma.** Soft lavender pink. 20c each.

**Queen Wilhelmina.** Large, pure white; extra fine. 25c each.

1 dozen our selection, \$2.50.

### POMPONS

**Amber Queen.** Rich amber. 10c each.

**Belle of Spring.** Small red. 10c each.

**Brunette.** Best deep maroon. 10c each.

**Catherine.** Fine yellow. 10c each.

**Elfin.** Nice small primrose. 10c each.

**Eleganta.** Soft pink tipped pink. 10c each.

**Frau Knabe.** Rose white and violet. 10c each.

**Gold Hanchen.** Bright yellow. 10c each.

**Grass an Wein.** Crushed strawberry. 10c each.

**Highland Mary.** Pink and white. 10c each.

**Klein Gretchen.** White shaded crimson. 10c each.

**Red Indian.** Fine deep red. 10c each.

1 dozen our selection, \$1.00.



## DAHLIAS (Continued)

## CACTUS

- Alpha. White speckled crimson and lilac. 15c each.  
 Amelia Dufour. A beautiful salmon, lovely pink stripe. 15c each.  
 Countess of Lonsdale. Rich salmon-tinted apricot. 15c each.  
 Delicatissima. Perfectly formed flowers of delicate Hydrangea pink. 25c each.  
 Flieder. A pleasing novel shade of lilac. 20c each.  
 Flora. White, ideal form, good cut flower. 20c each.  
 Gunther. Very fine large white with twisted petals. 25c each.  
 Golden Gate. Immense deep golden yellow overlaid bronze. 50c each.  
 J. H. Jackson. Finest dark maroon, early and free. 20c each.

- Mrs. C. H. Breck. A beautiful new variety which attracted much attention in our trial-ground last season. Flower of creamy yellow passing to varying shades of rich, rose pink. \$1.00 each.  
 Margaret Bouchon. Large size, fine form and color, light pink shading to white, combine to place this among the very best. 75c each.  
 Master Carl. Grand, large, bright amber, color pleasing. 25c each.  
 Sweetbriar. A superb rose pink, free on good stiff stems. 35c each.  
 Richard Box. A lovely very large light yellow of elegant shape with large petals, splendid stems. 50c each.  
 Sirene. A hybrid cactus forming a star-like flower; color, rosy-pink, shading to an almost white center. 50c each.

1 dozen our selection, \$2.50.

## Breck's Quality Cannas



Canna "Niagara"

- Alice Roosevelt. 4 ft. A good old variety with dark green leaves and large salmon-scarlet flowers. 15c each; \$1.50 per doz.  
 Antoine Crozy. 3½ ft. Green foliage; large red flowers, bordered with golden yellow. 15c each; \$1.50 per doz.  
 Beacon. 4 to 4½ ft. Green foliage; produces great masses of rich cardinal flowers. 15c each; \$1.50 per doz.  
 Beaute Poitevine. 3½ ft. Green foliage; dark crimson flowers of large size. 15c each; \$1.50 per doz.  
 Charles Henderson. 4 ft. Green foliage; flowers of deep crimson, with flame-yellow throat. 15c each; \$1.50 per doz.  
 Florence Vaughan. 3½ ft. Green foliage; flowers rich golden yellow, thickly spotted with bright red. 15c each; \$1.50 per doz.  
 Gladiator. 4½ ft. Green foliage; large crimson flowers. Good for center or back of bed. 15c each; \$1.50 per doz.  
 Hungaria. 3½ ft. Green foliage; flowers very large, blush pink with satiny sheen. 25c each; \$2.00 per doz.  
 Indiana. 4 ft. Green foliage. An orchid-flowering variety; single blossoms, glistening golden-orange, often 6 inches across. 15c each; \$1.50 per doz.  
 Kate F. Deemer. 4 ft. Green foliage. A grand flower of rich, oriole-yellow, which gradually gives place to turkey-red in the centre. The throat is almost white. 25c each; \$2.50 per doz.  
 King Humbert. 4 ft. Bronze foliage with brownish green stripes, large thick and leathery. Flowers large, bright orange-scarlet streaked with crimson. 15c each; \$1.50 per doz.

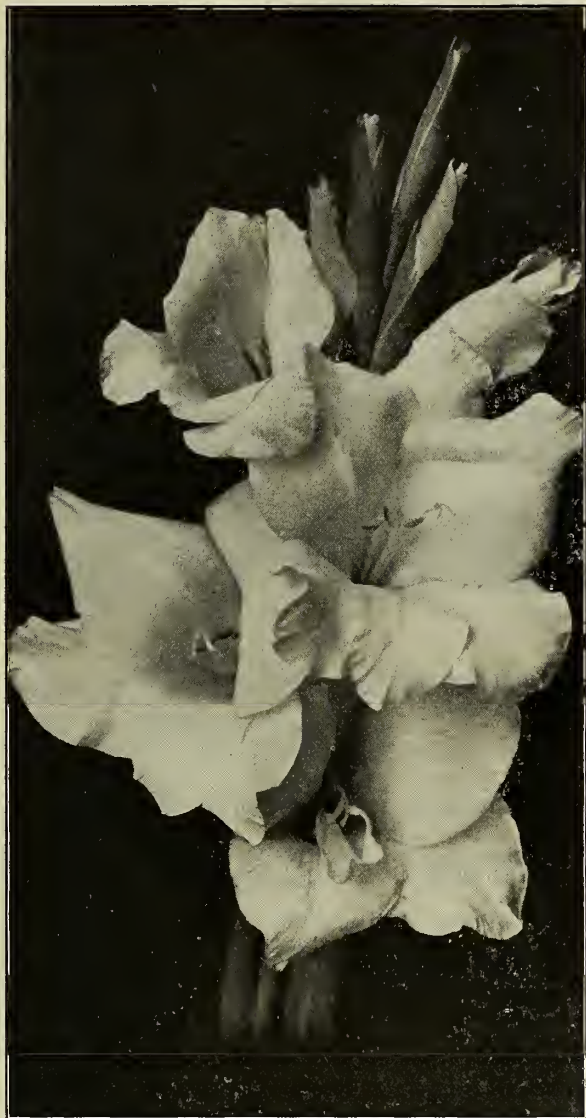
- Loveliness. 3 ft. Green foliage. The color of this exquisite Canna is difficult to describe, though "bright ruby crimson" will perhaps convey an idea of its loveliness. The blooms are formed on large heads in perfect form, and we consider it one of the finest Cannas in existence. 25c each; \$2.50 per doz.  
 Meteor (Wintzer's). 5 ft. Green foliage; flowers of a deep, dazzling crimson. Undoubtedly the best red Canna in existence. 50c each; \$5.00 per doz.  
 Mrs. Alfred F. Conard. 4 ft. Green foliage; the most popular pink Canna ever introduced; unsurpassed for planting either singly or in large beds. The salmon-pink flowers are of the largest size. 30c each; \$3.00 per doz.  
 Mont Blanc. 3½ ft. Green foliage; almost pure white flowers; the largest near-white Canna in existence. 25c each; \$2.00 per doz.  
 Niagara. 3 ft. Green foliage; flowers are rich, deep crimson with irregular border of golden yellow; a popular variety. 15c each; \$1.50 per doz.  
 Nigricans. 6 ft. Bronze foliage; flowers brick-red. 15c each; \$1.50 per doz.  
 Olympic. 5 ft. Green foliage; flowers are very large, of a captivating shade of rich orient-red, with centre of lighter shade and dappled carmine. 50c each; \$5.00 per doz.  
 Panama. 3 ft. Green foliage; flowers are of an unusual, attractive, rich orange red, with edge of bright golden yellow; the petals are almost round, being as broad as they are long. A very striking Canna. 35c each; \$3.50 per doz.  
 Pennsylvania. 6 ft. Green foliage; flowers large, pure, deep scarlet. A very fine orchid-flowering variety. 15c each; \$1.50 per doz.  
 Pillar of Fire. 6 ft. Green foliage; the giant of its class; flowers bright crimson scarlet, borne in erect spikes like blazing torches. 15c each; \$1.50 per doz.  
 President Meyer. 4 ft. Bronzy foliage; flowers large, rich, cherry carmine. 15c each; \$1.50 per doz.  
 Rosea Gigantea. 4 ft. Green foliage. Rich rose-pink flowers of giant size; a prodigious bloomer. The color is unusually pleasing and is most popular. 25c each; \$2.00 per doz.  
 Richard Wallace. 4 ft. Green foliage; flowers large, pure yellow. 15c each; \$1.50 per doz.  
 Splendor. 4½ ft. Green foliage. Very large, well spread-out flowers of intense scarlet. 25c each; \$2.50 per doz.  
 Wabash. 4 ft. Bronze-leaved. Flowers carmine pink, unusually large. Well described as the bronze-leaved Rosca Gigantea. 20c each; \$2.00 per doz.  
 William Saunders. 4 ft. Bronze leaved. A constant bloomer, the flowers often 5 inches across, bright scarlet. 15c each; \$1.50 per doz.  
 Wintzer's Colossal. 5 to 6 ft. Green foliage. Orchid flowers 8 inches across, vivid scarlet; the largest Canna in commerce. 35c each; \$3.50 per doz.

See Special Catalog of Gladioli, Cannas and Dahlias.



**BRECK'S GLADIOLI**

(See pages 6 and 7 for additional list)



Gladioli Panama

**GLADIOLI MIXTURES**

**Breck's Exhibition Mixture.** A superb collection, giving a wide range of color of wide open flowers, beautifully marked and including many of the named varieties. Especially selected as to combination and blending of colors, so that they may be used for cut flowers as well as for massing. \$1.00 per doz.; \$5.00 per 100.

**Breck's Garden Mixture.** A good mixture containing almost every shade known in the Gladioli family. 50c per doz.; \$3.00 per 100; \$20.00 per 1000.

**Groff's Hybrids.** A splendid mixture, flowers of large size, and vigorous growth. 40c per doz.; \$3.00 per 100.

**Lemoines Hybrids.** Choice mixture. 40c per doz.; \$3.00 per 100.

**UNNAMED GLADIOLI**

**Scarlet and Red Shades.** 40c per doz.; \$2.50 per 100; \$18.00 per 1000.

**Pink and Rose Shades.** 50c per doz.; \$3.50 per 100; \$30.00 per 1000.

**White and Light Shades Selected.** 50c per doz.; \$4.00 per 100; \$35.00 per 1000.

**Yellow Shades.** 90c per doz.; \$6.00 per 100; \$56.00 per 1000.

**Striped and Variegated.** 50c per doz.; \$3.50 per 100; \$32.00 per 1000.

**NAMED GLADIOLI**

**Mrs. Francis King (The Original).** A most beautiful flame pink; immense flowers on a spike, growing 4 feet high, with from 18 to 20 flowers, 6 to 8 open at one time. One of the finest varieties in cultivation. 50c per doz.; \$3.00 per 100.

**Mrs. Frank Pendleton, Jr.** A most beautiful variety, producing large, well expanded flowers of an exquisite shade of salmon pink, heavily blotched with red in the throat. This variety should be in the garden of all lovers of Gladiolus. 15c each; \$1.50 per doz.; \$10.00 per 100.

**Mrs. Malcolm Mackay.** Cherry red with a patch of white on the lower petals; very effective and excellent for cutting. 20c each; \$2.00 per doz.; \$15.00 per 100.

**Mrs. Watt.** Beautiful brilliant wine color. One shade; nice large spikes of well opened flowers; lasting a long time when cut; an excellent variety for decoration purposes. 15c each; \$1.50 per doz.; \$10.00 per 100.

**Navajo.** Magnificent bright rich red, blossoms large, six or eight opening at one time, spikes straight and tall and of vigorous growth. \$1.50 per doz.; \$10.00 per 100.

**Niagara.** Color cream, blending at base of petal to a canary yellow, stamens are purple and the stigma pale carmine. \$1.00 per doz.; \$7.00 per 100.

**Miscellaneous Bulbs and Roots**

**Achimenes.** Free flowering plants of easy cultivation. The bulbs should be potted early in a mixture of loam and leaf mould. Keep warm and water carefully. Assorted colors, \$1.00 per doz.; \$7.00 per 100.

**Caladium Esculentum.** Beautiful ornamental foliage plant. The leaves are of immense size, light green with darker veins; will grow in any good garden soil to a height of 5 feet. Dry bulbs, according to size, 10c, 15c and 20c each; \$1.00 to \$2.00 per doz.

**Hyacinths Candicans.** A hardy summer flowering Hyacinth with erect spikes of pure white flowers. 3 feet high. 40c per doz.; \$2.50 per 100; \$20.00 per 1000.

**Milla Biflora.** Beautiful white waxy flowers with pale lemon anthers, deliciously fragrant. Plant outdoors in May, take up bulbs in fall. 5c each; 50c per doz.

**Tigridia (Shell Flower).** Beautiful large shell-like flowers produced from July until frost.

**T. Conchiflora.** Orange and crimson spots. 60c per doz.; \$4.50 per 100.

**T. Grandiflora Alba.** White flowers spotted with maroon and rose. 60c per doz.; \$4.50 per 100.

**T. Grandiflora Crimson.** 60c per doz.; \$4.50 per 100.

**T. Pavonia.** Red with crimson spots. 60c per doz.; \$4.50 per 100.

**Montbretia**

These hardy summer-flowering bulbs produce graceful flowers like those of Gladioli but the plants are of branching habit and attain to a height of about two feet. The color varies from yellow to rich scarlet. Plant the bulbs about five inches deep, protecting them with a liberal mulching during winter. The flowers are fine for cutting.

<b>Aurea (Crocasmia Aurea).</b> Bright orange yellow. The bulbs of this sort should be taken up after flowering and kept in damp soil or moss until spring..	Doz.	100	1000
	.25	1.50	10.00
<b>Crocasmiaeflora.</b> Orange scarlet, yellow center .....	.20	1.00	8.00
<b>Etoile de Feu.</b> Bright vermilion, yellow center .....	.35	2.00	15.00
<b>Germania.</b> Very large, orange scarlet, the best new variety.....	.50	3.50	
<b>Golden Sheaf.</b> Pure golden yellow.....	.40	2.50	18.00
<b>Rayon d'Or.</b> Rich yellow with brown spots .....	.25	1.25	10.00
<b>Transcendant.</b> Deep yellow flowers with scarlet shading on outside of petals..	.30	2.00	15.00
<b>Pottsii.</b> Orange, flushed with red.....	.20	1.00	9.00
<b>Rosea.</b> Beautiful salmon rose.....	.25	1.50	10.00
<b>Choice Mixture</b> .....	.20	1.00	8.00

See Special Catalog of Gladioli, Cannas and Dahlias.



# Breck's Hardy Plants

Nursery Department conducted by BRECK-ROBINSON NURSERY CO.  
Munroe Station, Lexington, Mass.



An Effective Mass-Planting of Frau Karl Druschki

## ROSES

Roses are probably the most popular and satisfying of the out-of-door flowers. Given plenty of sunshine and water, they more than repay their cost in wealth of bloom the first season.

After May first, only potted roses will be supplied, as experience has shown that dormant plants can scarcely be relied upon for vigorous growth if set out later than that date. In early spring, dormant roses will be furnished at prices noted.

### Hybrid Perpetual Roses

Dormant Plants (before May 1st), 35c each; \$3.50 per doz.; \$20.00 per 100.

Potted Plants, 50c each; \$5.00 per doz.

(Unless otherwise priced.)

Alfred Colomb. Large, free-blooming; brilliant carmine-crimson.

Anne de Diesbach. Very large and fragrant; carmine.

Baroness Rothschild. Well-shaped; hardy; light pink.

Clio. Vigorous and extra fine; flesh, shaded with rosy pink.

Earl of Dufferin. Vigorous; velvety crimson, shaded maroon.

Frau Karl Druschki (Snow Queen). The best white rose.

George Dickson. One of the darkest of the red roses; velvety black-crimson, heavily veined with deep crimson maroon. 75c.

His Majesty. Often called the "Crimson Frau Karl Druschki." Blooms large and full; deep, dark crimson, highly perfumed. 50c.

George Arends (Pink Frau Karl Druschki). Like the foregoing, this retains the size and fullness of the famous white Druschki, but is a delicate pink in color. 75c.

General Jacqueminot. Fragrant; good forcer; scarlet-crimson.

Hugh Dickson. Large and full; crimson and scarlet.

John Hopper. Profuse bloomer; brilliant rosy crimson.

Madam Gabriel Luizet. Large, cup-shaped; pink.

Magna Charta. Fragrant; pink, suffused with carmine.

Margaret Dickson. Large petals; white, pale flesh center.

Marshall P. Wilder. Fragrant; blooms late; cherry-carmine.

Mrs. John Laing. Large, fine form; soft pink.

Paul Neyron. Extra large, free blooming; deep rose.

Persian Yellow. Large, free-blooming; deep golden yellow.

Soleil d'Or. Shades of golden yellow and orange. Dormant, 50c each; potted, 75c each.

Ulrich Brunner. One of the best; cherry, lighted with red.

### Tea or Everblooming Roses

Prices given are for dormant and potted plants, or potted plants only, unless otherwise noted.

Arthur R. Goodwin. Continuous bloomer; coppery red. 75c each.

British Queen. Buds slightly flushed, opening pure white. Type of flower between White Maman Cochet and Frau Karl Druschki. 75c.

Caroline Testout. Free bloomer; clear, bright rose. 35c and 50c.

Edward Mawley. One of the most beautiful of the ever-blooming roses. Flowers are rich crimson, shaded with velvety maroon. 75c.

Etoile de France. Cup-shaped, fragrant; velvety crimson. 35c; not potted.

Francisca Kruger. Coppery yellow, shaded with peach. 50c and 75c.

Francis Scott Key. A heavy double rose of great substance; finely formed, free-blooming, rich crimson red. 75c.

General MacArthur. Very fine; crimson-scarlet. 35c; not potted.

Gloire de Dijon. Hardy; combined salmon, rose, and yellow. 50c; not potted.

Gruss an Teplitz. Hardy; very free-flowering; velvety crimson. 50c.

Hermosa. Flat form, double; bright rose. 35c; not potted.

Hoosier Beauty. Velvety, glowing crimson-scarlet, with dark shading. The bud is of good length. \$1.00.

Jonkheer J. L. Mock. Carmine, changing to pink. 50c; potted.

Kaiserin Augusta Victoria. Large; creamy white. 35c and 50c.

Killarney. Queen of the Irish roses; carmine-pink. 35c and 50c.

La France. Constant bloomer; rose, changing to silvery pink. 35c and 50c.

Mad. Edouard Herriot (The Daily Mail Rose). Semi-double, of a superb coral red, shaded with yellow and bright rosy scarlet passing to shrimp red; buds slender and pointed. 75c.

Special Rose Catalogue sent on request.



### TEA ROSES (Continued)

- Madam Ravary.** Fragrant; unusual; deep yellow. 35c and 50c.  
**Madam Segond Weber.** Soft salmon pink. 35c and 50c.  
**Maman Cochet.** Vigorous and free-blooming; pink. 50c.  
**Mrs. Aaron Ward.** Free-flowering; Indian-yellow. 50c.  
**Radiance.** Carmine pink to coppery yellow. 75c.  
**Richmond.** Beautiful in bud form; crimson-scarlet. 50c.  
**Sunburst.** Coppery-orange and golden-yellow. This rose has gained great favor since its introduction in 1912. 75c.  
**White Maman Cochet.** Like Maman Cochet, but white. 35c.  
**William R. Smith.** Creamy white, shaded with rose. 50c.

### Climbing Roses

Dormant, 35c; Potted, 50c.

- Crimson Rambler.** Well-known and popular.  
**Dorothy Perkins.** Vigorous; good foliage; shell-pink.  
**Excelsa.** A new Crimson Rambler; deep crimson.  
**Hiawatha.** Ruby carmine, with clear white eye.  
**Lady Gay.** Beautiful rose pink.  
**Tausendschon.** One of the best; white and delicate pink.  
**White Dorothy.** Vigorous and fine. Dormant only.  
**White Rambler.** Many small flowers. Dormant only.  
**Wichuraiana (Memorial Rose).** Trailing; white flowers. Dormant only.  
**Yellow Rambler.** Yellow in bud, fading as the flowers open. Dormant only.

### Dwarf Polyantha Roses (Baby Ramblers)

Dormant, 25c; Potted, 35c.

- Anny Muller.** Profuse bloomer; brilliant rose.  
**Baby Tausendschon.** Vigorous; white and pink.  
**Clothilde Soupert.** White, with rosy centers.  
**Jessie.** Constant bloomer; cherry-crimson.  
**Madame Norbert Levavasseur.** Crimson Baby Rambler.  
**Maman Levavasseur.** Pink Baby Rambler.  
**Orleans.** Vigorous and free-blooming; geranium rose.

### Moss Roses

- Crested Moss.** Pink buds with mossy fringe. 50c each.  
**Salet Moss.** Vigorous; large flowers; light rose. 50c each.



Madame Segond Weber (H. T.)

### Rugosa or Japanese Roses

- Rosa rugosa.** Fine foliage, flowers, and bright red fruit. 35c each; \$3.50 doz. Dormant only.  
**var. alba.** Same as above, with white flowers. 35c; \$3.50 doz. Dormant only.  
**var. Conradi Ferdinand Meyer.** Double; clear rose. 35c; dormant only.  
**var. Mme. George Bruant.** Semi-double; white. 35c and 50c.  
**var. Roseraie de l'Hay.** Double; carmine cherry-red. 35c; dormant only.

### Miscellaneous Roses

(Dormant only).

- Rosa rubiginosa (Sweet Briar).** Fragrant foliage. 25c; \$2.50 doz.  
**R. rubrifolia.** Red leaves; red flowers. 30c; \$3.00 doz.  
**Madam Plantier.** Good for massing; white. 25c; \$2.50 doz.

## VINES AND CREEPERS

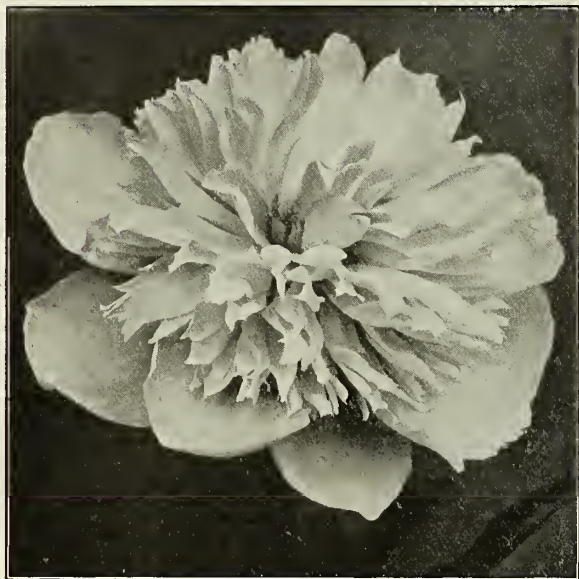
- Actinidia polygama, or arguta.** Glossy foliage with red stems. Strong grower. 3 yr., 50c each, \$5.00 doz.  
**Akebia quinata.** Clover-like leaves. 30c each, \$3.00 doz.  
**Ampelopsis quinquefolia.** Common woodbine, or Virginia creeper. 3 yr., 30c each, \$3.00 per doz., \$15.00 per 100.  
**A. var. Englemanni.** Like above, clings to wall surfaces. 3 yr., 25c each, \$2.50 doz.  
**A. Veitchii (or tricuspidata).** "Boston Ivy." Commonly used for covering buildings. 3 yr., 30c, \$3.00 per doz.  
**Aristolochia siphon (Dutchman's Pipe).** Large heart-shaped leaves. 2 yr., 50c; 3 yr., 75c each.  
**Celastrus Scandens (Roxbury Waxwork; Bitter sweet).** Shrubby climber. Orange and crimson, capsuled fruit. 3 yr., 35c each, \$3.00 per doz.  
**Clematis paniculata.** Rapid grower. White fragrant flowers in September. 3 yr., 25c each, \$2.50 per doz.; 4 yr., 35c each, \$3.50 per doz.  
**C. Virginiana (Virgin's Bower).** Good climber, white flowers and tufted seeds. 3 yr., 30c, \$3.00 per doz.  
**Clematis, Large Flowered.** 50c; \$5.00 per doz.  
**C. Henryi.** Large creamy white flower.  
**C. Jackmani.** Violet purple, free flowering.  
**C. Madame Andre.** Large crimson flower.

- Hedera Helix (English Ivy).** Dark, glossy, evergreen leaves. Fairly hardy. 30c; \$3.00 per doz. Extra large, \$1.00 to \$5.00 each.  
**Humulus Lupulus (Hop-Vine).** July and August. Rapid grower. 20c; \$1.50 per doz.  
**Lonicera Halleana (Hall's Evergreen Honeysuckle).** Blooms all summer; rapid grower. 2 yr., 30c, \$3.00 per doz.  
**L. Periclymenum Belgicum (Belgian or Dutch Monthly Honeysuckle).** Red and yellow; fragrant flowers all summer. 30c each, \$3.00 per doz.  
**L. Sempervirens (Scarlet Trumpet Honeysuckle).** Tubular flowers, handsome foliage and fruit. 3 yr., 35c each; \$3.50 per doz.  
**Tecoma (Bignonia) radicans (Trumpet Vine).** Orange and scarlet flowers. 35c; \$3.50 per doz.  
**Vitis heterophylla.** Strong grower; steel-blue berries. 35c each.  
**Wistaria Chinensis (Chinese Wistaria).** Pendulous blue flower, clusters in May. 75c; extra large, \$1.00 each.  
**W. var. alba.** White flowered variety. 75c each.  
**W. Multijuga.** Extra long purple flower-racemes. 75c each.

Trellises, Arches, Arbors, in stock and to order.



## THE PAEONIES



Peony Jeanne d'Arc

Paeonies should be planted in good, rich, deep moist soil, after which they will require less attention than any other class of flowering plants. They are perfectly hardy and their remarkable freedom from disease and insects makes them most desirable. Paeonies thrive in all locations whether in the broad sunlight or partial shade.

**Albatre.** Milk-white, tinged lilac, edged with carmine.

Fragrant. Tall, mid-season. 50c each; \$5.00 doz.

**Charlemagne.** Lilac-white with blush center. Fragrant, medium-tall; late. 50c each.

**Couronne D'Or.** Pure white, with yellow stamens, tipped carmine. Medium tall; late. 75c each; \$7.50 per doz.

**Duchesse de Nemours.** Pure white crown, sulphur-white collar. Fragrant. Medium height; early. 50c each; \$5 doz.

**Felix Crousse.** Late. Deep crimson, marked with cardinal. 75c each; \$7.50 doz.

**Festiva Maxima.** Pure white, prominently flecked crimson; outer petals sometimes faint lilac-white. Tall; early. 50c each; \$5 doz.

**Jeanne d'Arc.** Large, bomb type; center pale lilac, collar cream white touched with sulphur; mid-season. 50c each.

**Madam Crousse.** Pure white; center flecked crimson; mid-season. 50c each.

**Madam de Verneville.** Pure white, center blush fading to pure white, carmine flecks. Medium height; early. 50c each.

**Marie Lemoine.** Pure white with cream-white center, occasional carmine tip. Medium height; very late. 50c each.

**Meissonier.** Brilliant purple red. Very tall; mid-season. 50c each.

**Monsieur Dupont.** Milk-white center, splashed crimson. Tall; mid-season. 75c each.

**Mont Blanc.** Pure white with cream white center. 75c each; \$7.50 doz.

**Officinalis Rosea.** Crimson, changing to rose. 35c each.

**Officinalis rubra.** The old-fashioned red paeony. 35c each.

**Choice Mixed.** Unnamed varieties. 25c each; \$2.50 doz.

## Japanese Single Paeonies

Few plants can vie with the Single Paeony for beauty, and an established bed in full bloom is gorgeous. Price 50c each; \$5 per doz.

**Diana.** White, creamy white center.

**Dragon.** Very large dark crimson.

**Mikado.** Deep lilac rose, silvery markings.

For additional varieties and descriptions see Nursery Catalogue.

## Hardy Phlox

We have made a specialty of the hardy Phloxes, aiming to evolve a stock of only the more desirable varieties. To those who are not familiar with recent acquisitions, the new sorts will be a revelation. Price of Named Varieties, 15c each; \$1.50 per doz., except as noted.

**Africa.** Carmine purple, blood-red eye. 25c each; \$2.50 doz.

**Annie Cook.** Flesh pink. Very fragrant.

**Baron Van Dedem.** Glistening scarlet, blood-red. 20c each.

**B. Comte.** Brilliant, rich French purple. 20c each; \$2.00 doz.

**Bridesmaid.** Pure white, crimson-carmine eye. 20c each; \$2.00 doz.

**Elisabeth Campbell.** Light salmon, pink center. The best pink Phlox for bedding. 25c each; \$2.50 doz.

**Europa.** White with crimson-carmine eye. The individual flowers and trusses are very large. 25c each; \$2.50 doz.

**Frau Ant. Buchner.** The finest pure white Phlox. 25c each.

**General Chanzy.** Scarlet-pink, with salmon tint. Brilliant.

**General Van Heutsz.** Brilliant salmon-red; with white center. 20c each; \$2 doz.

**Geo. A. Strohlen.** Bright scarlet, with crimson red eye. Large flower. 20c each; \$2.00 doz.

**Goliath.** Rich crimson carmine; very tall. 20c each; \$2.00 doz.

**Gruppenkonigin.** Flesh colored rose, carmine eye. 20c each; \$2 doz.

**Independence.** Large pure white flowers. Dwarf habit.

**Jeanne d'Arc.** Pure white. Flowers extra large. Late.

**Le Soleil.** Bright china rose, rose center. Early.

**Miss Lingard.** White. June to August. Foliage glossy.

**Mad. Paul Dutrie.** Soft pink color. 20c each; \$2 doz.

**Rynstrom.** Uniform color, not unlike that of Paul Neyron Rose. 20c each; \$2.00 doz.

**R. P. Struthers.** Bright pinkish salmon, with crimson eye. New and most excellent.

**Rosenberg.** Bright reddish-violet with blood red eye.

**Stella's Choice.** Tall; pure white, very late.

**Von Lassburg.** Pure white flowers.

## Dwarf Species

**Phlox subulata (Moss Pink).** Pink, 4 to 6 inches, April and May. Foliage, moss-like and deep green. 10c each; \$1 per doz.

**P. var. alba.** White, 4 to 6 inches, April and May. Very floriferous and handsome. 10c each; \$1 doz.



Phlox Europa





Iris Germanica (German Iris)

### German Iris

The German Iris is among the most desirable and easiest grown of our spring-flowering hardy plants, producing in May showy flowers of exquisite coloring, combining the richest and most delicate tints. For best results plant in a well-drained, sunny position, barely covering the roots.

In the following description "S" signifies the standards, or erect petals; "F" the falls, or drooping petals.

Prices, except where noted, 15c each; \$1.50 per doz.; \$10.00 per 100.

- Asiatica.** S. Purple plume. F. Darker purple.
- Aurea.** S. and F. Clear rich yellow.
- Canary Bird.** S. Canary-yellow. F. Crimson-purple.
- Celeste.** Pure celestial blue, changing to porcelain.
- Darius.** S. Lemon. F. Yellow, veined and corded with purple.
- Donna Maria.** S. Azure. F. Purple.
- Duchesse de Nemours.** S. Pale lilac. F. Purple-violet, veined white.
- Flavescens.** Light primrose-yellow, large flowers.
- Florentina alba.** S. and F. Light porcelain-blue, changing to white.
- Florentina Blue.** S. and F. Pale-blue. Fragrant.
- Gracchus.** S. Creamy yellow. F. Velvet purple, yellow striped.
- Hector.** Yellow and brownish red.
- Honorabilis.** S. Indian-yellow. F. Chestnut-red.
- La Tendrer.** S. Lavender-blue. F. Blue, veined violet.
- Madame Chereau.** Pure white, penciled violet.
- Mrs. H. Darwin.** White, veined purple.
- Pallida Dalmatica.** 3 to 4 ft. Lavender, stately spikes. New and very fine. 25c each; \$2.50 per doz.
- Pallida speciosa.** S. Violet-blue. F. Purple.
- Princess of Wales.** Combination violet-purple, violet and yellow.
- Purple Queen.** S. and F. Rich violet-purple.
- Queen of May.** S. and F. Bright rosy lavender.
- Silver King.** S. and F. Pure white, large. Fragrant.

### Japanese Iris

The flowers of the Japanese Iris are often 8 inches across, and of remarkably varied and beautiful colors. They thrive best in a rich and somewhat moist soil. The blooming season is from the middle of June to about August 1.

Large Plants, 30c each; \$3.00 per doz.

Mixed Colors, unnamed, 15c each; \$1.50 per doz.

(Order by number or name.)

- No. 4 Kumo-no-obi. Double violet-purple, white center.

- No. 7 Sofu-no-koi. Double light blue, with pink marking.
- No. 8 Mana-dowru. Double white, penciled blue, purple center.
- No. 10 Yomo-no-umi. Double, maltese lavender, purple center, penciled.
- No. 11 Mei-ran. Single carmine rose.
- No. 12 Kuma-funjin. Double, dark purple, blue center.
- No. 14 Hana-aoi. Double, bright violet-blue, shaded white.
- No. 15 Uchin. Double bluish purple, veined white.
- No. 16 Oshkun. Double navy-blue, purple center.
- No. 19 Kimi-no-megumi. Single, light blue, penciled, red center.
- No. 20 Kumo-no-uys. Double, very dark bluish purple.
- No. 23 Oniga-shima. Double, violet purple-sapphire center.
- No. 26 Senjo-no-hora. Double, dark red, splashed white.
- No. 28 Shira-taki. Double, white with yellow marking.
- No. 29 Shiga-no-wia-nami. Double, sapphire and blue, penciled white.
- No. 30 Kagaribi. Double, rose red, penciled white.
- No. 31 Kosui-no-iro. Double, very light blue, white center.
- No. 32 Komochi-guma. Single, very dark bluish purple.
- No. 33 Kaku-jaku-ro. Single, light pink and blue, penciled white.
- No. 34 Momiji-no-taki. Double, pink ground, blue and yellow veined.

### Hardy Garden Chrysanthemums

These old-fashioned plants are eagerly sought for by garden lovers, and we are able to offer a large number of new varieties which are of great value.

Price 15c each; 1.50 per doz.; \$10.00 per 100.

- Arabella.** Pink.
- Boston.** Golden bronze.
- Bridesmaid.** Blush.
- Canary.** Pale yellow.
- Charles Jenks.** White.
- Davidiana.** Pink.
- Golden Pheasant.** Rich golden-yellow.
- Ida.** Yellow.
- Julia Lagravere.** Dark red.
- Little Pet.** Violet crimson.
- Model of Perfection.** Beautiful white.
- Soleil d'Or.** Orange.
- St. Almo.** White.
- Trojan.** Maroon, with yellow center.
- Victor.** Rosy crimson.
- Yellow Queen.** Yellow.



Iris Kaempferi (Japanese Iris)



## RHODODENDRONS

It is our purpose to list only such varieties of this popular evergreen as have proved hardy in this latitude. Proper exposure (half-shade, protected from winds and hot sun) has much to do with their successful growth, as well as thorough preparation of the soil with leafmold or peat. Pick off seed-pods after blossoms have dropped. Mulch heavily with leaves or litter.

## Named Hybrids

Well budded	Each	Per doz.	Per 100
12 to 18 in.....	\$1.00	\$10.00	\$60.00
18 to 24 in.....	1.50	15.00	
24 to 30 in.....	2.00	20.00	
30 to 36 in.....	3.00	30.00	

Abraham Lincoln. Rosy crimson.  
Album elegans. Blush, changing to white.  
Atrosanguineum. Intense blood-red.  
Boule de Neige. Pure white; very hardy.  
Candidissimum (Parsons). White, fading to pure white.  
Caractacus. Rich purplish crimson.  
Charles Bagley. Cerise pink.  
Charles Dickens. Dark scarlet.  
Daisy Rand (Parsons). Deep crimson, beautifully spotted.  
Delicatissimum. Blush-white, edged pink.  
E. S. Rand. Scarlet, large cluster.  
Everestianum. Rosy lilac, spotted red.  
F. D. Godman. Crimson, fine blotch.  
Flushing (Parsons). Rosy-scarlet.  
F. L. Ames (Waterer). Pale-rose with band of rosy-pink.  
General Grant. Crimson-pink.

Giganteum. Bright rose.  
Gloriosum. White; bold flowers and good foliage.  
H. H. Hunnewell. Dark crimson.  
Ignatius Sargent (Waterer). Rosy-scarlet.  
Kettledrum. Rich crimson.  
Lady Armstrong. Pale rose, beautiful spotted.  
Lady Clermont. Red, shaded crimson.  
Mrs. Milner. Rich crimson.  
Parson's Gloriosum. Pale lavender.  
Parson's Grandiflorum. Bright carmine.  
Rosabel (Waterer). Pale-rose.  
Roseum elegans. Vivid rose; beautiful.  
Senator Charles Sumner (Parsons). Crimson.  
Unnamed hybrids, in colors, Red, White, Pink. 18 to 24 in. 75c each; \$7.00 per doz.; \$50.00 per 100.  
Rhododendron Arbutifolium. This is one of the best of the dwarf sorts. It has bright foliage, is compact in habit, and is covered with pale pink flowers in June. \$1.00 each.  
R. Catawbiense. This is a native, compact but tall-growing form with handsome foliage and large trusses of deep rose flowers. A splendid variety to group with high-colored forms as its foliage effect can be depended upon. 18 to 24 in., \$1.00; 2 to 2½ ft., \$2.00; 3 ft., \$3.00.

## BOXWOOD

Pyramidal Form. Fine specimens, closely sheared; highly desirable for placing in tubs or planting in formal positions in the garden. Tubs extra, according to style and size required.

	Each	Per pair
2½ to 3 ft.....	\$2.00	\$3.50
3 to 3½ ft.....	2.50	4.50
3½ to 4 ft.....	3.00	5.00
4 to 4½ ft.....	4.00	7.00
4½ to 5 ft.....	5.00	9.00
5 to 5½ ft.....	6.00	10.00

Bush Form (Unsheared).	Each	Per doz.
10 to 12 in. high.....	\$0.30	\$3.00
12 to 15 in. high.....	.50	5.00
15 to 18 in. high.....	.75	7.50
20 to 24 in. high.....	1.25	12.00
24 to 30 in. high.....	1.50	15.00

Box Edging.	Per doz.	Per 100
3 to 4 in.....	\$0.60	\$5.00
4 to 5 in.....	1.00	6.00
5 to 6 in.....	1.50	10.00

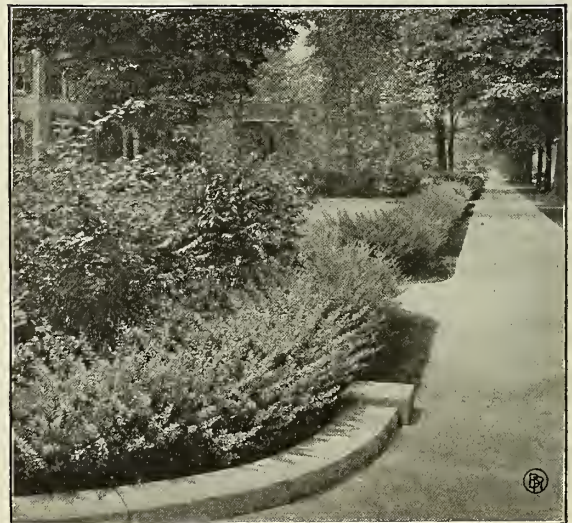
## HEDGE PLANTS

While a wide range of choice is possible, hedging material should be selected with a view to the ultimate height desired. Plants should be spaced from one foot apart (Barberry and Privet) to three feet apart (Willows, Lilacs, Evergreens) according to size and habits of growth. Advice as to selections and quantities is gladly given. The following are a few of the better-known hedge plants, most of which will bear close shearing.

Not less than 25 of one variety at the 100 rate.

Berberis Thunbergii (Japanese Barberry). 12 to 15 in., \$10.00; 15 to 18 in., \$12.00; 18 to 24 in., \$15.00 per 100.  
Crataegus Oxyacanthus (English Hawthorn). 3 ft., \$20.00 per 100.  
Ligustrum Amurense (Amur River Privet). 18 to 24 in., \$8.00; 2 to 3 ft., \$12.00; 3 to 4 ft., \$18.00 per 100.  
Ligustrum Ibotia (Japanese Privet). 18 to 24 in., \$6.00; 2 to 3 ft., \$10.00; 3 to 4 ft., \$15.00 per 100.  
Ligustrum ovalifolium (California Privet). 18 to 24 in., \$5.00; 2 to 3 ft., \$8.00; 3 to 4 ft., \$10.00 per 100.  
Rhamnus Catharticus (Buckthorn). 2 to 3 ft., \$10.00; 3 to 4 ft., \$15.00 per 100.  
Rosa rugosa (Japanese Rose). 18 to 24 in., \$15.00; 2 to 3 ft., \$20.00 per 100.  
Salix pentandra (Laurel-leaved Willow). 3 to 4 ft., \$20.00; 4 to 5 ft., \$25.00 per 100.  
Spiraea Van Houttei. 2 to 3 ft., \$15.00; 3 to 4 ft., \$20.00 per 100.  
Syringa vulgaris (Common Lilac). 2 to 3 ft., \$20.00; 3 to 4 ft., \$25.00 per 100.

Thuya occidentalis (American Arborvitae). 18 to 24 in., \$25.00; 2 to 3 ft., \$40.00; 3 to 4 ft., \$60.00 per 100.  
Tsuga Canadensis (Hemlock). 18 to 24 in., \$60.00; 2 to 3 ft., \$75.00 per 100.



Japanese Barberry Hedge

## Evergreens

Picea alba (White Spruce). 18 to 24 in., \$30.00; 2 to 3 ft., \$45.00 per 100.  
Picea excelsa (Norway Spruce). 18 to 24 in., \$25.00; 2 to 3 ft., \$40.00 per 100.





Canterbury Bells and Foxgloves

## HARDY PERENNIALS—GENERAL LIST

The Perennials supply us with some of the most beautiful and interesting plants available for out-of-door culture. By judicious selection a succession of bloom from spring until frost, with wonderful range of color, may be obtained. Time of flowering and approximate height of each is indicated.

- Achillea "The Pearl."** Pure white double. June. 2 ft. 15c each; \$1.50 doz.
- Alyssum saxatile compactum.** Beautiful yellow flowers in spring. 6 in. 15c each; \$1.50 per doz.
- Anemone japonica.** Dark pink flowers in August and Sept. 2 ft. 15c each; \$1.50 per doz.
- A. japonica, Whirlwind.** Beautiful white. 2 ft. 15c each; \$1.50 per doz.
- Anthemis tinctoria (Yellow Marguerite).** Flowers June to October, 2 to 3 ft. 15c each; \$1.50 per doz.
- Aquilegia canadensis.** Scarlet and yellow. July. 1½ ft. 15c each; \$1.50 per doz.
- A. chrysantha.** Rich yellow. July. 3 ft. 15c each; \$1.50 per doz.
- A. coerulea hybrida.** Shades of blue, white, pink, yellow, etc. 1½ ft. 15c each; \$1.50 per doz.
- Arabis alpina plena (Alpine Rock Cress).** (Perennial, White Alyssum). White. May. 6 to 9 in. 15c each; \$1.50 per doz.
- Armeria maritima (Sea Pink).** Bright Rose. May to frost. 9 in. 15c each; \$1.50 per doz.
- A. var. Lauchiana.** Dwarf, similar to above; bright pink. 15c each; \$1.50 per doz.
- Aster, Beauty of Colwall.** Lavender, double. September. 4 ft. 25c each; \$2.50 per doz.
- A. nova angliae.** Bluish-purple. September. 4 ft. 15c each; \$1.50 per doz.
- A. nova angliae preziosa.** Deep blue. September. 4 ft. 15c each; \$1.50 doz.
- Baptisia australis (False Indigo).** Dark blue. July. 3 ft. 15c each; \$1.50 per doz.
- Boltonia latisquama.** Clear lilac. September. 4 ft. 15c each; \$1.50 per doz.
- Campanula carpatica.** Clear blue. Summer. 3 to 4 ft. 15c each; \$1.50 per doz.
- C. persicifolia (Peach-leaved Bell Flower).** Porcelain blue. June to August. 2 to 3 ft. 15c each; \$1.50 per doz.
- C. media (Canterbury Bell).** June and July. 3 to 4 ft. Blue, white. 15c each; \$1.50 per doz.
- Centaurea montana.** Colors red, white, blue and pink. Summer. 1½ ft. 20c each; \$2.00 per doz.
- Coreopsis grandiflora.** Golden-yellow. Summer. 2 ft. 15c each; \$1.50 per doz.
- Delphinium chinense.** Intense blue. Summer. 2 ft. 15c each; \$1.50 per doz.
- D. formosum.** Blue, white center. Summer. 3 ft. 15c each; \$1.50 per doz.
- D. Belladonna.** A very popular light blue variety. 3 ft. 25c each; \$2.50 per doz.
- Dianthus barbatus (Sweet William).** Mixed colors. June and July. 20 in. 15c each; \$1.50 per doz.
- D. plumarius (Scotch Pink).** Fragrant pink flowers. June. 9 in. 15c each; \$1.50 per doz.
- Dicentra spectabilis (Bleeding Heart).** Pink. Spring. 2 ft. 15c each; \$1.50 per doz.
- Digitalis purpurea (Foxglove).** Purple and white. June. 3 to 4 ft. 15c each; \$1.50 per doz.
- Eulalia zebrina.** A stately grass with green and yellow leaves. 6 ft. 20c each; \$2.00 per doz.
- Funkia variegata (Plaintain Lily).** Blue with variegated foliage. July. 1 to 2 ft. 15c each; \$1.50 per doz.
- F. subcordata grandiflora (White Day Lily).** Pure white. July to Sept. 2 ft. 15c each; \$1.50 per doz.
- Gaillardia grandiflora (Blanket Flower).** Red and yellow. July. 2 to 3 ft. 15c each; \$1.50 per doz.
- Gypsophila paniculata.** Small white flowers in great profusion. Summer. 2 ft. 15c each; \$1.50 per doz.
- Helenium autumnale superbum.** Bright yellow. August. 5 ft. 15c each; \$1.50 per doz.
- H. hoopesi.** Orange yellow. June and July. 2 to 3 ft. 15c each; \$1.50 per doz.
- Helianthus decapetalus.** Bright yellow. Summer. 5 ft. 15c each; \$1.50 per doz.
- H. mollis.** Yellow flowers, downy, silvery foliage. 3 ft. 15c each; \$1.50 per doz.
- H. multiflorus fl. pl. (So-called Hardy Dahlia).** Double Yellow. Aug. to Sept. 4 ft. 15c each; \$1.50 per doz.



**HARDY HERBACEOUS PERENNIALS—Continued**

- Helioopsis Pitcherii*. Golden-yellow. July to Sept. 6 ft. 15c each; \$1.50 per doz.
- Helleborus niger* (Christmas Rose). Large white. December. Frame culture. 35c each; \$3.50 per doz.
- Hemerocallis flava*. Golden yellow flowers. Summer. 3 ft. 15c each; \$1.50 per doz.
- H. Thunbergii*. Lemon yellow. Summer. 3 ft. 15c each; \$1.50 per doz.
- Heuchera sanguinea*. Bright red flowers. Handsome foliage. Summer. 1½ ft. 15c each; \$1.50 per doz.
- Hibiscus moscheutos*, *Crimson Eye*. White, with crimson eye. Aug. to Sept. 3 to 4 ft. 15c each; \$1.50 per doz.
- Iberis sempervirens* (Perennial Candytuft). Flowers white, foliage evergreen. May to June. 8 to 12 inches. 15c each; \$1.50 per doz.
- Lathyrus latifolius* (Perennial Pea). Bright red. Summer. 5 ft. 20c each; \$2.00 per doz.
- L. var. Albus*. White, otherwise like above. 20c each; \$2.00 per doz.
- Lavandula vera* (English Lavender). July. 1 to 2 ft. 15c each; \$1.50 per doz.
- Liatris pycnostachya*. Lavender-purple. Summer. 5 ft. 15c each; \$1.50 per doz.
- Lobelia cardinalis* (Cardinal Flower). 3 ft. August. Scarlet. Very showy border plant. 15c each; \$1.50 per doz.
- Lupinus polyphyllus*. Blue, pea-like flowers. 4 ft. 15c each; \$1.50 per doz.
- L. albus*. White, form of preceding. 20c each; \$2.00 per doz.
- Lychnis chalcedonica*. Brilliant scarlet. Summer. 2 to 3 ft. 15c each; \$1.50 per doz.
- L. plenissima*. Pink. Summer. 2 to 3 ft. 15c each; \$1.50 per doz.
- Lythrum roseum superbum*. Rosy-red. Summer. 2 to 3 ft. 15c each; \$1.50 per doz.
- Monarda didyma*. Brilliant scarlet. Foliage sweet-scented. Summer. 2 to 3 ft. 15c each; \$1.50 per doz.
- Myosotis palustris semperflorens* (Forget-me-not). Light blue. Summer. 15c each; \$1.50 per doz.
- Oenothera Youngii*. Clear yellow. 2 inches in diameter. June to Aug. 2 ft. 15c each; \$1.50 per doz.
- Papaver orientale* (Oriental Poppy).
- P. Royal Scarlet*. Scarlet. Small blotches. 2 ft. 15c each; \$1.50 per doz.
- P. nudicaule* (Iceland Poppy). Yellow. 1 ft. 15c each; \$1.50 per doz.
- Pentstemon barbatus Torreyii* (Beard-tongue). Bright red. July. 4 to 5 ft. 15c each; \$1.50 per doz.
- Physostegia virginica*. Spikes of tubular-shaped, pink flowers. August. 3 to 4 ft. 15c each; \$1.50 per doz.
- Platycodon grandiflora*. Very dark blue. July to October. 2 to 3 ft. 15c each; \$1.50 per doz.
- Primula officinalis hybrida* (English Primrose). Shades of white, yellow and red. Spring. 1 ft. 20c each; \$2.00 per doz.
- P. veris superba*. Large Yellow. 1½ ft. 20c each; \$2.00 per doz.
- Pyrethrum roseum hybridum*. Single and double mixed. Colors range white to dark crimson. Summer. 2 ft. 15c each; \$1.50 per doz.
- Scabiosa caucasica*. Lilac-blue. Summer. 18 inches. 15c each; \$1.50 per doz.
- Sedum spectabilis* (Showy Stonecrop). Rosy purple. September. 18 inches. 15c each; \$1.50 per doz.
- Shasta Daisy*. Large snowy-white flowers, in bloom continuously throughout the entire summer and fall. 15c each; \$1.50 per doz.
- Spiraea Gladstonei*. White flower. Palm-like foliage. Summer. 2 ft. 25c each; \$2.50 per doz.
- S. filipendula plena*. Fern-like foliage, creamy white flowers. 2 ft. 15c each; \$1.50 per doz.
- Stokesia cyanea* (Cornflower Aster). Lavender blue. Aug. to Oct. 18 to 24 inches. 15c each; \$1.50 per doz.
- Tritoma uvaria grandiflora*. Red and yellow. Aug. to Oct. 3 ft. 15c each; \$1.50 per doz.
- T. Pfizerii*. Orange-scarlet. Aug. to Oct. 4 ft. 15c each; \$1.50 per doz.
- T. nobilis* (Red Hot Poker). Aug. to Nov. 6 ft. 35c each; \$3.50 per doz.
- Trollius Europaeus*. May. Yellow. 18 inches. 15c each; \$1.50 per doz.
- Veronica longifolia subsessilis*. Blue Flowers. Aug. to Sept. 2 ft. 20c each; \$2.00 per doz.
- Yucca filamentosa* (Adam's Needle). Early growth, drooping white flowers. 6 ft. Clumps, 50c each.

**HARDY LILIES**

A desirable class of hardy perennials which may be planted amongst shrubbery or other earlier-blooming perennials. Some of the late varieties do not arrive from Japan before the ground freezes, but we carry these in cold storage until spring when they may be planted out with good success. Deep planting is advisable, 9 to 12 inches according to size of bulb.

- Auratum* (Golden Banded Lily of Japan). Immense white flowers, each petal marked with a wide gold band, and spotted with maroon.
- Mammoth Bulbs. 40c each; \$3.00 doz.; \$20.00 per 100.
- Extra Large. 25c each; \$2.50 per doz.; \$15.00 per 100.
- First Size Bulbs. 15c each; \$1.50 doz.; \$10.00 per 100.
- Speciosum Album*. Large pure white flowers.
- Mammoth Bulbs. 25c each; \$2.50 doz.; \$20.00 per 100.
- Extra Large Bulbs. 20c each; \$2.00 doz.; \$15.00 per 100.
- Speciosum Magnificum*. Rich crimson. The finest colored of all *Speciosums*.
- Mammoth Bulbs. 25c each; \$2.50 doz.; \$18.00 per 100.
- Extra Large. 15c each; \$1.50 doz.; \$10.00 per 100.
- Speciosum Melpomene*. White, suffused with darkest crimson.
- Mammoth Bulbs. 25c each; \$2.50 doz.; \$18.00 per 100.
- Extra Large. 20c each; \$2.00 doz.; \$15.00 per 100.
- Speciosum Roseum*. White, stained and spotted rose.
- Mammoth Bulbs. 25c each; \$2.50 doz.; \$18.00 per 100.
- Extra Large. 20c each; \$2.00 doz.; \$15.00 per 100.
- Speciosum Rubrum*. White with rich crimson spots.
- Mammoth Bulbs. 25c each; \$2.50 doz.; \$18.00 per 100.
- Extra Large. 20c each; \$2.00 doz.; \$15.00 per 100.
- Batemaniae*. Clear orange apricot, without spots, 6 to 8 flowers borne on a stem. 4 ft. high. 20c each; \$2.00 doz.; \$15.00 per 100.
- Browni*. Trumpet-shaped flowers; interior pure white with chocolate colored anthers; exterior brownish purple. Height 3 ft. 60c each; \$6.00 doz.
- Canadense* (Canadian Bell-Flowered Lily). Colors vary from reddish orange to yellow. Marked with black. Height 4 ft., 15c each; \$1.25 per doz.; \$9.00 per 100.
- Henryi* (The Yellow *Speciosum*). A very beautiful hardy Lily from northern China. Plants are of vigorous growth. They frequently attain the height of 6 ft. Each stem carrying from 5 to 8 flowers of a rich apricot yellow. Brown spots. 60c each; \$6.00 doz.
- Superbum*. Yellowish red. Height 4 ft. 20c each; \$1.50 doz.; \$10.00 per 100.
- Tigrinum Splendens* (Tiger Lily). Fiery scarlet flower, spotted black. Height 6 ft. 10c each; 75c doz.; \$5.00 per 100.
- Tigrinum Flore Pleno*. Double Flowered orange, spotted black. Height 4 ft. 10c each; 75c doz.; \$5.00 per 100.
- Wallacei*. Glowing apricot freely spotted with black. Height 3 ft. 15c each; \$1.50 doz.; \$10.00 per 100.

For more complete list see General Nursery Catalogue.





## EVERGREENS

Abbreviations.—Size: L, large; M, medium; S, small; D, dwarf; VD, very dwarf. Rapidity of growth: r, rapid; m, medium; s, slow; v, vigorous.

*Abies balsamea* (Balsam Fir). L. Of rapid, slender pyramidal growth, with very dark foliage. Grows in cold, wet ground as well as in better soil. 3 to 4 ft., \$1.50 each.

*A. concolor*; syn., *lasiocarpa*. Lm. It is from Colorado, and grows to a height of 50 feet and more. The foliage varies exceedingly in color from a glaucous-blue to a very light green. It is graceful and feathery, and as it grows older retains its lower limbs. 3 to 4 ft., \$5.00 each; 4 to 5 ft., \$7.00 each.

*Juniperus communis* (Common Juniper). Usually a shrub with spreading, sometimes prostrate, branches which curve upwards near the ends; widely distributed throughout the colder regions and mountains of the Northern Hemisphere. Foliage grayish green, very dense. A beautiful shrub valuable in rockeries or as a ground cover. 18 in., \$1.50 each; 2 ft., \$2.50 each.

*J. var. Hibernica* (Irish Juniper). Mm. Of dense pillar-like growth. Glauous green foliage. 2 to 3 ft., \$1.50 each.

*J. Sabina* (Savin Juniper). VDs. Prostrate, spreading branches, with somber green foliage. Hardy and well adapted for hillsides, etc. 18 to 24 in., \$1.25 each; 2 to 3 ft., \$2.00 each.

*J. Virginiana* (Red Cedar). Mm. Tapering form, bright, rich green foliage. Useful for ornamental planting. 2 ft., \$1.00 each; 3 ft., \$1.75 each; 4 ft., \$2.50 each.

*Picea alba* (White Spruce). Lm. Light, silvery green foliage and dense pyramidal growth. Hardy in all locations. 2 to 3 ft., \$1.00 each; 3 to 4 ft., \$1.50 each.

*P. excelsa* (Norway Spruce). Lr. The most generally used of evergreen trees. Useful for screens and wind-breaks on account of its rapid growth. It makes a tall tree, and, as an individual tree, with room to develop, is of pyramidal, symmetrical growth, its lower branches sweeping the ground. 2 to 3 ft., 75c each; 3 to 4 ft., \$1.25 each; 4 to 5 ft., \$2.25 each; 5 to 6 ft., \$3.50 each.

*P. pungens glauca Kosterii* (Koster's Blue Spruce). Lr. Stiff, pungent foliage and clusters of cones. The most highly-colored variety. No evergreen tree can excel it as it has the advantage of growing vigorously where many evergreens fall; withstands the coldest seasons. 2 to 2½ ft., \$3.00; 2½ to 3 ft., \$4.50; 3 to 4 ft., \$6.00 each. (Prices quoted on larger specimens.)

*Pinus Austriaca*; syn., *nigricans* (Austrian, or Black Pine). Lr. A robust-growing variety, with long, dark green stiff needles. Does well on all soils, and is one of the best evergreens for seashore planting. 2 to 3 ft., \$1.75 each.

*P. mughus* (Dwarf Mugho Pine). Ds. Of the highest value where a low, dense, spreading growth is desired. Very dark foliage and extremely hardy. 12 to 15 in. spread, \$1.50; 18 to 24 in., \$2.50.

*P. strobus* (White Pine). Lr. The most valuable of all native evergreens for timber purposes. A well-grown individual tree, with its light, silvery foliage; is always highly ornamental. In age this Pine is most impressive. Useful for hedges, as it can be clipped like a shrub. 2 to 3 ft., \$1.00; 3 to 4 ft., \$1.50; 4 to 5 ft., \$2.00.

*Retinospora var. plumosa* (Plume-like Japan Cypress). Lr. One of the hardiest and best. Delicate glaucous foliage. 2 to 3 ft., \$1.50; 3 to 4 ft., \$3.00; 4 to 5 ft., \$5.00.

*R. var. plumosa aurea*. Lm. A striking, fine form of the above, and very hardy. Brilliantly golden throughout the season. One of the most desirable. 2 to 3 ft., \$1.50; 3 to 4 ft., \$3.00; 4 to 5 ft., \$5.00.

*R. squarrosa*. Mm. An exquisite Japan form, with steel-colored foliage, which is very fine and feathery. It displays many shades of color during the season. 2 to 3 ft., \$2.00; 3 to 4 ft., \$3.00.

*Thuya occidentalis* (American Arborvitae). Mr. Of conical form and rapid growth. Used largely for hedges. 3 ft., 75c each; 4 ft., \$1.00 each.

*Tsuga Canadensis* (Hemlock Spruce). Lr. A graceful tree, with loose, open growth, and yew-like foliage. It can be kept in dense form if pruned. Prefers moist soil. 2 to 3 ft., \$1.50; 3 to 4 ft., \$2.00.

## HARDY EVERGREEN SHRUBS

*Daphne Cneorum* (Garland Flower). A dwarf evergreen plant with shiny leaves. Bears a profusion of bright pink, fragrant blossoms in May. 6 to 8 in., 50c; 8 to 10 in., 75c.

*Kalmia latifolia* (Mountain Laurel). A native evergreen shrub. Glossy foliage, beautiful pink and white flowers in June. 18 to 24 in., \$1.50; \$15.00 doz.; carloads, \$150 to \$200; specimens, \$2 to \$5 each.

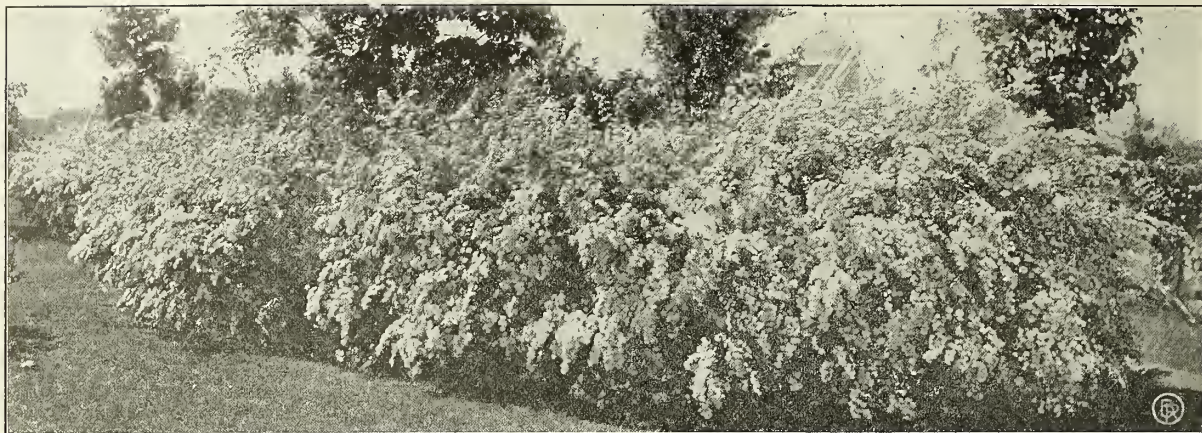
*Leucothoe Catesbaei*. Small with thick foliage. Showy spikes of white flowers in May. 15 to 18 in., 60c and \$1.00 each.

*Mahonia* or *Berberis aquifolia* (Ashberry). Large spiny leaves turning scarlet in fall. Bright yellow flowers in May. 12 to 18 in., 30c; 18 to 24 in., 50c.

*Pachysandra terminalis* (Japanese Spurge). An evergreen plant forming a mat of glossy foliage. 15c each; \$1.50 doz.

For more complete list see General Nursery Catalogue.





Spiraea Van Houttei

## FLOWERING SHRUBS

- Althaea** (Hibiscus, or Rose of Sharon). Double white, pink or red; also variegated-leaved. 2 to 3 ft., 35c each; \$3.50 per doz.
- Hybrid varieties, single and double, 50c each; \$5.00 per doz.
- Aralia pentaphylla** (Five leaved Aralia). Arching, spiny branches; valuable for foliage. 3 ft., 35c; \$3.50 per doz.
- Azalea viscosa** (Swamp Honeysuckle). White, fragrant flowers in June and July. 2 ft., 75c each.
- A. mollis** (Hardy Azalea). Dwarf in habit. Mixed colors in shades of red, white, yellow and orange. 18 to 24 in., 75c.
- A. Pontica**. Named varieties, single and double. 18 in., \$1.00 each.
- Berberis Thunbergii** (Japanese Barberry). Well known hedge plant. 12 to 15 in., 15c each; \$1.50 per doz. 18 to 24 in., 25c; \$2.50 per doz. (See also "Hedge Plants," page 110.)
- B. purpurea** (Purple Leaved Barberry). 3 ft., 35c each; \$3.50 per doz.
- Buddleia variabilis Veitchiana**. A new shrub; violet and yellow flowers in long spikes; August. 50c; \$5.00 per doz.
- Calycanthus floridus** (Sweet Shrub or Allspice). 2 ft., 35c; \$3.50 per doz.
- Chionanthus virginica** (White Fringe). For damp or partially shaded places. 3 to 4 ft., 50c each.
- Cornus Siberica** (Red-barked Dogwood). Valuable for its bright-colored bark. 3 to 4 ft., 35c; \$3.50 per doz.
- Cydonia Japonica** (Japanese Quince). Dwarf-growing; scarlet flowers in May, followed by large fruit. 2 ft., 30c; \$3.00 per doz.
- Deutzia Pride of Rochester** (Pink Deutzia). Rose-tinted flowers in June. 3 ft., 35c; \$3.50 per doz.
- D. gracilis** (Dwarf or Slender Deutzia). White flowers; May and June. 18 to 24 in., 35c; \$3.50 per doz.
- D. Lemoinei**. A free-flowering white variety, a little larger than *D. Gracilis*. 2 ft., 35c; \$3.50 per doz.
- Diervilla candida** (Weigelia). White flowers in June and later; for sheltered locations. 3 ft., 40c each.
- D. rosea**. Rose colored flowers. 2 to 3 ft., 30c; \$3.00 per doz.
- D. Eva Rathke**. Crimson. 3 ft., 35c; \$3.50 per doz.
- Euonymus alatus** (Winged Burning-bush). An odd and attractive shrub, valued for its gorgeous fall colors. 12 in., 30c; 2 ft., 50c.
- E. Europaeus** (Spindle Tree). Orange and red fruit in autumn. 4 ft., 50c; \$5.00 per doz.
- Forsythia Fortunei**. Well known yellow. Forsythia, blooming in April before the leaves show. 3 to 4 ft., 35c; \$3.50 per doz.
- F. suspensa**. Drooping form. 3 to 4 ft., 35c; \$3.50 per doz.
- Hamamelis virginica** (Witch Hazel). Yellow flowers in November. 3 to 4 ft., 35c; \$3.50 per doz.
- Hydrangea arborescens sterilis**. A recently acquired hardy Hydrangea blooming in July. 2 ft., 50c.
- H. paniculata grandiflora**. The common form, flowering in September. 2½ to 3 ft., 35c; \$3.00 per doz. Standard or tree form. 4 to 5 ft., 75c and \$1.00 each.
- Kerria Japonica** (Corchorus). Bright green bark; yellow flowers all summer, low growing. 2 ft., 30c each.
- K. var. foliis variegatis**. Dwarf with silvery-green leaves. 12 to 18 in., 35c each.
- Lonicera Morrowi** (Bush Honeysuckle). Yellow flowers in July, followed by red berries. 3 ft., 35c; \$3.50 per doz.
- L. Tartarica** (Tartarian Honeysuckle). Pink. 30c; \$3.00 per doz.
- Philadelphus coronarius** (Mock Orange). Orange-blossom scented flowers in June. The best of the Syringas. 3 to 4 ft., 30c; \$3.00 per doz.
- P. Avalanche**. A dwarf, white-flowering variety, a valuable shrub. 2 ft., 30c; \$3.00 per doz.
- Prunus Pissardi** (Purple-leaved Plum). Valuable for its foliage. 3 to 4 ft., 50c; \$5.00 per doz.
- P. triloba** (Double-flowering Plum). Rose-like pink flowers crowding the branches in May. 3 ft., 50c each.
- Rhodotypus kerrioides** (White Kerria). White, Syringa-like flowers throughout the summer, followed by black seeds. 2 to 3 ft., 30c; \$3.00 per doz.
- Rhus cotinus** (Smoke Bush or Purple Fringe). Purplish flowers in June. 3 ft., 50c each.
- R. typhina** (Staghorn Sumac). A strong growing shrub for poor soils. 3 to 4 ft., 25c each; \$2.50 per doz.
- Sambucus aurea** (Golden Elder). 3 ft., 35c; \$3.50 per doz.
- Spiraea Anthony Waterer** (Dwarf Spiraea). Flat heads of pink flowers in late summer. 18 in., 30c; \$3.00 per doz.
- S. opulifolia aurea** (Golden Spiraea). Yellow foliage. 3 to 4 ft., 30c; \$3.00 per doz.
- S. prunifolia fl. pl.** The old-fashioned Bridal Wreath. 2 to 3 ft., 35c; \$3.50 per doz.
- S. Van Houttei**. The best known Spiraea, and the most valuable. Arching sprays of white flowers in June. 3 to 4 ft., 30c; \$3.00 per doz.
- Symphoricarpos racemosus** (Snowberry). Showy white berries in fall. 3 ft., 30c; \$3.00 per doz.
- Syringa vulgaris** (Common Lilac). Purple flowers. 2 to 3 ft., 30c; \$3.00 per doz.
- S. var. alba** (White Lilac). 3 ft., 40c; \$4.00 per doz.
- S. Named Varieties**. Single and double. 50c to 75c.
- Viburnum opulus** (Bush Cranberry). Showy crimson berries in fall. 3 ft., 35c; \$3.50 per doz.
- V. plicatum** (Japanese Snowball). Globe-shaped heads of white flowers in June. Grows best in sheltered locations. 3 to 4 ft., 50c; \$5.00 per doz.

For more complete list see General Nursery Catalogue.



## SHADE AND ORNAMENTAL TREES

- Acer dasycarpum* (Silver Maple). Rapid growing; leaves silvery on under side. 8 to 10 ft., 75c; 10 to 12 ft., \$1.00.
- A. var. Wieri laciniatum* (Weir's Cutleaved Maple). A graceful tree with pendulous branches; silvery leaves. 6 to 8 ft., 75c; 8 to 10 ft., \$1.00.
- A. platanoides* (Norway Maple). Hardy and vigorous; spreading habits. 6 to 8 ft., 75c; 8 to 10 ft., \$1.00; 10 to 12 ft., \$1.50 and \$2.00.
- A. saccharum* (Sugar or Rock Maple). A well known native tree. 8 to 10 ft., \$1.00; 10 to 12 ft., \$1.50 and \$2.00.
- A. polymorphum atropurpureum* (Blood-leaved Japanese Maple). Dwarf growing, valued for its foliage. 2 to 2½ ft., \$1.50; 3 ft., \$2.00.
- Aesculus hippocastanum* (Horse-chestnut). White-flowering. 6 ft., \$1.00; 8 ft., \$1.50.
- Betula alba* (European White Birch). Rapid growing; symmetrical. 7 to 8 ft., 75c; 8 to 10 ft., \$1.00.
- B. pendula laciniata* (Cutleaved Weeping Birch). Of tall, slender growth; white bark, finely cut foliage. 6 to 8 ft., \$1.00; 8 to 10 ft., \$1.50 and \$2.00.
- Catalpa Bungei*. A fine globe headed tree; of large glossy leaves. 6 to 7 ft., \$1.50.
- C. Speciosa* (Indian Bean). A large tree covered with showy flowers in July. 6 to 7 ft., 75c; 8 to 10 ft., \$1.00.
- Cercis Canadensis* (Judas Tree or Red Bud). A mass of purplish-red flowers in spring. Heart-shaped leaves. 3 to 4 ft., 50c; 4 to 5 ft., 75c.
- Cornus Florida* (White-flowering Dogwood). Small tree with handsome white blossoms early in spring. 3 to 4 ft., 75c; 4 to 5 ft., \$1.50.
- C. var. Rubra* (Red-flowering Dogwood). Same as above except that blossoms are a lovely tint of reddish pink. 2 to 3 ft., \$1.00; 3 to 4 ft., \$1.50.
- Crataegus Oxyacantha, alba plena* (Double white-flowering Thorn). Flowers in May. 4 to 5 ft., 75c.
- C. Coccinea flore pleno Paulii* (Paul's Double Scarlet Thorn). A small tree with brilliant carmine flowers. 4 to 5 ft., \$1.00.
- Fagus Sylvatica*. The well known European Beech. A superb tree. 3 to 4 ft., 75c each; 4 to 5 ft., \$1.25.
- F. var. purpurea Riversii* (River's Purple Beech). Like the European Beech, but with dark purple foliage. 3 to 4 ft., \$1.00; 4 to 5 ft., \$1.50; 6 to 7 ft., \$2.50.
- Fraxinus Americana* (American White Ash). The native ash. 8 to 10 ft., \$1.00; 10 to 12 ft., \$1.50.
- Ginkgo biloba* (Salisbury or Maiden-Hair Tree). One of the best small trees; fan shaped leaves. 6 to 8 ft., \$1.00; 8 to 10 ft., \$1.50.
- Laburnum vulgare* (Golden Chain). Long racemes of showy yellow flowers in July. 5 to 6 ft., \$1.00.
- Larix Europea* (European Larch). Tall compact tree with light green needle-like foliage. 3 to 4 ft., 50c; 4 to 5 ft., 75c.
- Liriodendron Tulipifera* (Tulip Tree or Whitewood). A large native tree. Bears tulip-like blossoms in June. 6 to 8 ft., \$1.00; 8 to 10 ft., \$1.50.
- Magnolia Soulangeana*. The best known Magnolia. Grows vigorously; large pink and white blooms. 3 to 4 ft., \$2.00; 4 to 5 ft., \$2.50.
- M. Speciosa*. Similar to *Magnolia Soulangeana*, but later-flowering. 3 to 4 ft., \$2.00; 4 to 5 ft., \$2.50.
- M. Halleana Stellata* (Hall's Magnolia). The earliest and most charming of the magnolias. Bears an abundance of star-shaped fragrant blossoms. 2½ to 3 ft., \$2.50.
- Morus Alba pendula* (Weeping Mulberry). Drooping foliage; edible fruit. 5 to 6 ft., 2 year heads, \$1.50; 3 years, \$2.00.
- M. var. Tatarica* (Russian Mulberry). Very hardy; reddish fruit. 6 to 8 ft., 75c.
- Populus Bolleana* (Bolleana Poplar). Habits of growth like the Lombardy, but longer-lived. Silver leaves. 8 to 10 ft., \$1.00; 10 to 12 ft., \$1.50.
- P. monilifera* (Carolina Poplar). A large and spreading tree, thriving in sandy soil. 8 to 10 ft., 75c; 10 to 12 ft., \$1.00.
- P. nigra fastigiata* (Lombardy Poplar). The well known poplar of tall narrow growth. 8 to 10 ft., 75c; 10 to 12 ft., \$1.00; 12 to 14 ft., \$1.50.



*Quercus Palustris* Pin Oak

- Prunus Pissardi* (Purple-Leaved Plum). Attractive purple foliage. 3 to 4 ft., 50c; 4 to 5 ft., 75c.
- P. triloba* (Flowering Plum). Large double pink, flowers in spring. 3 to 4 ft., 50c.
- Pyrus Malus Parkmani* (Flowering Apple). Bears pink buds, which later open into pendulous semi-double flowers. 4 to 5 ft., \$1.00.
- P. Ioensis Bechteli* (Bechtel's Double-flowering Crab). A shrub or small tree bearing delicate pink blossoms. 3 to 4 ft., 50c; 4 to 5 ft., \$1.00.
- Pyrus Sorbus Aucuparia* (European Mountain Ash). Medium size. Bunches of scarlet berries in winter. 6 to 7 ft., 75c.
- P. S. quercifolia* (Oak-leaved Mountain Ash). Pyramidal growth. Oak-like leaves. 6 to 7 ft., \$1.00.
- Quercus palustris* (Pin Oak). One of the best oaks for street or lawn. 6 to 8 ft., \$1.00; 8 to 10 ft., \$1.25; 10 ft., \$1.75.
- Q. rubra* (Red Oak). Large and rapid grower; valuable for general planting. 5 to 6 ft., 75c; 6 to 8 ft., \$1.00; 8 to 10 ft., \$1.50.
- Salix alba* (Common White Willow). Grows to large size in wet ground. 5 to 6 ft., 30c; 6 to 8 ft., 50c.
- S. vitellina aurea* (Golden-barked Willow). Yellow bark in winter. 4 to 5 ft., 25c; 6 to 7 ft., 50c.
- S. elegantissima* (Thurlo's Willow). Drooping habit. 6 to 8 ft., 75c; 8 to 10 ft., \$1.00.
- S. pentandra, or laurifolia* (Laurel-leaved Willow). A bushy tree with dark green, glossy leaves. Good near seashore. 4 to 5 ft., 25c; 6 to 8 ft., 50c; 8 to 10 ft., \$1.00.
- Syringa Japonica* (Japan Tree Lilac). A distinct tree form. Very fine and hardy. 3 to 4 ft., 50c; 4 to 5 ft., 75c; 5 to 6 ft., \$1.00.
- Tilia Americana* (Linden or Basswood). A well known tree. Large and shapely. 6 to 8 ft., 75c; 8 to 10 ft., \$1.00.
- T. Europaea* (European Linden or Lime). Leaves darker and smaller than those of the American. 6 to 8 ft., 75c; 8 to 10 ft., \$1.25.
- Ulmus Americana*. Our native American Elm. 8 to 10 ft., \$1.00; 10 to 12 ft., \$1.50; 12 to 14 ft., \$2.00.
- U. Campestris* (English Elm). Small leaves, rough bark; large trunk. 8 to 10 ft., \$1.00; 10 to 12 ft., \$2.00.





Northern Spy Apples

## FRUIT TREES

### APPLES

The following list of Apples embraces varieties which have been tested, and can be recommended as the very best for general cultivation. All Apples are furnished in standard sizes unless dwarf trees are specified.

Prices: Bearing age, 8 to 10 ft., \$2.00 each; 3-year, extra size, \$1.00 each; 2-year, 5 to 7 ft., 50c each, \$4.00 per doz., \$30.00 per 100.

Dwarf Trees on Paradise stock, 2 to 3 ft., 50c each; \$5.00 per doz. These are useful for small gardens, and usually bear the third year after planting. Offered in the following varieties: Baldwin, Gravenstein, McIntosh, Red Astrachan, Yellow Transparent.

#### SUMMER

Early Harvest. Pale yellow, excellent, early.  
Golden Sweet. Large, pale yellow, sweet.  
Red Astrachan. Large, crimson, very early.  
Williams. Dark red, mild flavor.

#### AUTUMN

Fameuse (Snow Apple). Crimson, flesh white, excellent.  
Gravenstein. Large, yellow, striped red.  
Maiden's Blush. Sept.; large, yellow and red; good.  
Pippin. Fall, yellowish green, very fine.  
Porter. Medium, bright yellow; good.  
Pound Sweet. Nov.; very large, yellowish, sweet and rich.

#### WINTER

Baldwin. Large, dark red, productive, medium.  
Golden Russet. Late yellow, good flavor.  
Hubbardston. Large yellow, splashed red; early.  
McIntosh Red. Vigorous growth; handsome, hardy.  
Ripening November to February.  
Northern Spy. Large, striped red, good keeper.  
Rhode Island Greening. Large, yellowish green, medium.  
Roxbury Russet. Extra quality. Largest of russets.  
Tolman's Sweet. Medium, light yellow, excellent.  
Wealthy. Dec. to Feb.; dark red, juicy, good, very hardy.

### Crab-Apples

Price, 50c each; \$5.00 per doz. Extra size, 75c each.  
Hyslop. October to January; deep crimson.  
Martha. A new crab raised from seed of the Duchess of Oldenburg. Fruit glossy yellow, shaded with light red; fruit mild and tart.  
Transcendent. September, October; useful alike for preserving, pies, sauces and cider.

### PEACHES

Prices: 5 to 6 ft., 50c each; \$5.00 per doz.; \$25.00 per 100. 4 to 5 ft., 35c each; \$3.00 per doz.; \$20.00 per 100.  
Carman. New, hardy rot-proof. Pale yellow skin and red cheek; early.

Champion. Aug.; new, creamy white; large; superior.  
Crawford's Early. September; large, yellow, freestone.  
Crawford's Late. Very large, juicy, good, freestone.  
Crosby (Ironclad). Sept.; medium, sweet, firm.  
Elberta. August first; flesh yellow. Very juicy.  
Fitzgerald. Sept.; large, Crawford type; hardy.  
Foster. September; similar to Early Crawford; better.  
Mountain Rose. September; large, white and red, melting.  
Old Mixon. Sept.; large, white and red, juicy and rich.

### PLUMS

Price, 5 to 7 ft., 50c each; \$5.00 per doz. Extra size, 75c each.

#### EUROPEAN TYPE

Bradshaw. August; large, purple, sweet.  
Damson. September; dark purple, very productive.  
Reine Claude. Sept.; large, greenish yellow, very fine.  
Lombard. September; medium, violet, red, juicy.  
Yellow Egg. August; large, yellow.

#### JAPANESE TYPE

Abundance. Early; fruit amber turning to cherry, flesh yellow, juicy, tender and sweet. Bears heavily.  
Burbank. Sept.; bright red, flesh yellow and sweet.  
Wickson. Late, large, carmine, delicious, small stone.  
Satsuma. September; purplish-red, flesh dark red, juicy.

### QUINCES

4 to 5 ft., 50c each; \$5.00 per doz.; \$35.00 per 100.  
Apple, or Orange. Large, roundish, bright golden yellow; very productive.  
Champion. Vigorous and productive; very late.

### CHERRIES

Price, 6 to 7 ft., 50c each; \$5.00 per doz.. Extra size, 75c each.  
Coe's Transparent. June; medium, pale amber and red.  
Black Tartarian. June; large, purplish black; sweet.  
Montmorency. July; large, tender, rich; sour.  
May Duke. June; large, dark red, tender; sour.  
Windsor. July; large, dark red, nearly black, sweet.  
Yellow Spanish. Late June; pale yellow, red cheek.

See Special Fruit Catalog for additional varieties.





Bosc

Seckel

Anjou

Sheldon

## PEARS

**Standard Pears.** 5 to 7 ft., 50c each; \$5.00 per doz.; \$30.00 per 100, except where noted. Extra size, 75c each.

**Dwarf Pears.** Budded on quince stocks, in the following varieties. 3 to 4 ft., 50c each; \$4.00 doz.; \$25.00 per 100.

**Bartlett, Beurre d'Anjou, Clapp's Favorite, Duchess d'Angouleme, Howell, Lawrence, Seckel, Wilder's Early.**

### Summer Pears

**Bartlett.** Vigorous growth; large; yellow and red; juicy. Ripening September.

**Clapp's Favorite.** Vigorous growth; very large and handsome; yellow and crimson. Ripening August.

**Wilder.** Ripens in August and is a liberal cropper. Skin, bright yellow; flesh rich creamy color and virtually coreless.

### Autumn Pears

**Bosc.** Moderate growth; large, russety; buttery, rich. Ripening September and October. \$1.00 each.

**Flemish Beauty.** Vigorous growth; large; yellow and russet; juicy melting, sweet; good; very hardy. Ripening September and October.

**Louise Bonne of Jersey.** Vigorous growth; large; yellow and red; melting, buttery, rich; Sept. and October.

**Seckel.** Moderate growth; medium; brown; juicy, melting and buttery; of the highest flavor. Sept. and Oct.

**Sheldon.** Vigorous growth; large; russet and red; melting, rich, delicious, very good. Ripening October.

**Vermont Beauty.** Brilliant-colored skin. Matures a little later than the Seckel and is valuable as a shipping pear.

### Winter Pears

**Anjou.** Vigorous growth; very large; greenish yellow; melting, buttery, juicy, sprightly, vinous; keeps into mid-winter. Ripens November and December.

**Lawrence.** Moderate growth; medium to large; golden yellow; melting, aromatic, very good. Nov. and Dec.

**Winter Nelis.** Free growth; medium; russet; melting, buttery and rich; very good; Dec. and Jan. \$1.00 each.

## HARDY NATIVE GRAPES

**Campbell's Early.** Clusters large, compact and handsome; berries large, nearly round, black with light purple bloom. Vigorous grower. 50c each; \$4.00 per doz.

**Concord.** Bunch and berries large, round, black; flesh moderately juicy, sweet pulp. 30c each; \$3.00 doz.

**Moore's Early.** Quality better than Concord; its size and earliness render it desirable. 30c each; \$3.00 per doz.

**Worden.** Berries large, sweet. Ten days earlier than Concord and superior to it. 30c each; \$3.00 per doz.

See Special Fruit Catalog

## RED AND REDDISH PURPLE

**Agawam (Roger's No. 15).** Large, tender, juicy, vinous, vine vigorous. 30c each; \$3.00 per doz.

**Brighton.** Large, handsome and of the best quality and ripens early. 30c each; 3.00 per doz.

**Delaware.** Medium or small, but delicious; highly esteemed everywhere. 30c each; \$3.00 per doz.

**Salem (Roger's No. 53).** One of the best and most popular. Ripens with the Concord. 30c each; \$3.00 per doz.

## WHITE

**Green Mountain (Winchell).** Ripens early, good bearer, vigorous grower. 50c each; \$4.00 per doz.

**Moore's Diamond.** Berry about the size of Concord; color, greenish white with yellow tinge; juicy. 30c each; \$3.00 per doz.

**Niagara.** Berry large, slightly pulpy, tender, sweet, ripens with Concord. 30c each; \$3.00 per doz.

## HOT-HOUSE GRAPES

**Black Hamburg.** The best known and most rugged of the greenhouse grapes. Bears heavily. Early.

**Foster's White Seedling.** Mid-season; amber-colored. Bears freely in large clusters.

**Lady Downs.** A late black grape of best quality.

**Muscat of Alexandria.** A white variety requiring somewhat higher temperature than Black Hamburg, but almost equally rugged. Ripens later and keeps longer.

Fruiting Canes, from pots, \$5.00 each.

## RASPBERRIES

\$1.00 per doz.; \$5.00 per 100, except as noted.

**Cuthbert.** Red, firm and superior quality.

**Columbian.** Very large, purple.

**Golden Queen.** Productive and of superior quality. Golden yellow.

**Cumberland.** One of the finest black, large and productive.

**Gregg.** Good black, productive and hardy.

**Marlboro.** Large, red, very productive.

**St. Regis.** The everbearing red, good quality. \$1.50 per doz.; \$8.00 per 100.

## GOOSEBERRIES

**Red Jacket.** The best red, free from mildew. 25c each; \$2.50 per doz.

**Pearl.** The most prolific, free from mildew, green. 20c each; \$2.00 per doz.

**Industry.** Very large, dark cherry red. 25c each; \$2.50 per doz.

**Downing.** Whitish green. 20c each; \$2.00 per doz.

for additional varieties.





Agawam Blackberries

**BLACKBERRIES**

\$1.00 per doz.; \$5.00 per 100.

- Agawam.** The earliest; flavor like the wild berry.  
**Rathbun.** Extra large, productive, new.  
**Snyder.** Best quality, very sweet, medium size.  
**Eldorado.** Hardy, good size and quality, unusually productive.  
**Wachusett Thornless.** Fruit medium, hardy and very productive, almost free from thorns.  
**Erie.** Large and early; excellent quality.

**CURRANTS**

\$1.50 per doz.; \$9.00 per 100, except as noted.

- Black Naples.** Fine for wine and jelly.  
**Cherry.** Large, red, juicy.  
**Fay's Prolific.** The most popular red variety for home use; bears heavily.  
**La Versailles.** Very large, red.  
**Perfection.** The largest red currant in existence; a prize winner. 25c each; \$2.50 per doz.  
**White Grape.** Large yellowish white, sweet.

**STRAWBERRIES**

Strawberries require a medium rich, well-tilled soil for successful growing. Plants should be set about 15 inches apart; 100 plants are sufficient for 6 rows, 20 feet long. When setting out see that the plants are "firmed" well, keeping the crown just above the soil. Keep all runners cut off, and about December 1 to December 15 cover over the bed with dry straw, meadow hay or leaves and litter. In Spring, as the plants show indication of growth, push aside the covering from crowns of the plants, thus allowing them to come through with their new growth. A fresh mulching of good hay or new grass about May 1 to May 15 will serve to keep the fruit clean and prevent the growth of weeds.

Varieties marked "P" are pistillate and must have a row of staminate, or perfect-flowered varieties (P. F.), planted every 10 feet among them.

**PRICES**

**Layer Plants.** For spring planting. Per doz., 25c; per 100, \$1.00; per 1000, \$7.00.

**Pot Grown Plants.** For July, August and September planting. Per doz., 50c; per 100, \$3.50; per 1000, \$30.00.



Marshall



Progressive

- Abington.** Large fruit, solid, and excellent flavor. P. F.  
**Belmont.** Late; crimson berry; very productive. P. F.  
**Black Beauty.** P. F. Similar to Marshall but bearing more freely.  
**Breck's Abundance.** Large, excellent berry; very heavy cropper; flavor tart; medium early. Highly recommended. P. F.  
**Brandywine.** Hardy, good quality. Medium. P. F.  
**Chesapeake.** P. Mid-season to late; a fine large berry of good quality.  
**Commonwealth.** Late; very large; deep crimson; excellent flavor. P. F.  
**Early Ozark.** P. F. Extra early; large, dark red, delicious fruit.  
**Excelsior.** The best of all early strawberries. Is medium small; crimson; tart, and the earliest of all. Splendid variety. P. F.  
**Gandy.** Large berries; late and an excellent cropper. Splendid keeper. P. F.  
**Glen Mary.** Large; crimson berry; good quality; very productive; late. P. F.  
**Heritage.** P. F. Mid-season; a robust grower and a prodigious yielder. Flesh solid and of fine texture.  
**Marshall.** Requires no recommendation; is medium late. The fruit is very large, deep crimson color, and extra quality. P. F.  
**Minute Man (P.)** Medium early; vigorous grower, free from rust; berries light red and a great cropper.

- Norwood.** P. F. Early to mid-season; fruit very large, of the Marshall type. Excellent quality.  
**Parsons' Beauty.** P. F. Mid-season; very heavy yielder, marketing well.  
**Senator Dunlap.** P. F. Early to mid-season. Dark red berries of medium size; flesh red throughout, juicy and good.

**Fall or Everbearing Strawberries**

Although several varieties of everbearing strawberries have been introduced, we have found only two which are prominently superior. These were fully tested in our trial grounds last season, and excellent fruit was picked almost daily until frost destroyed the unripened berries.

**Runner Plants,** for spring planting, 50c per doz.; \$3.00 per 100.

**Potted Plants,** for mid-summer planting, \$1.00 per doz.; \$5.00 per 100.

**Progressive.** This variety makes a vigorous growth, and produces immense quantities of berries. Blossoms should be kept picked off until about the middle of July. If this is done, a heavy crop is insured from about the first of August until heavy frost. The berries are of medium size and excellent quality.

**Superb.** The berries of this excellent variety are a little later than those of Progressive. The plants are about equal in vigor of growth, but do not produce so many berries per plant as Progressive. The quality, however, is excellent, and is always sure to bring the highest price on the market.



## SPRAYING CALENDAR

This calendar, based upon the recommendations of the Agricultural Colleges and Experiment Stations of the country, is a brief guide for the general treatment of insect pests and plant diseases.

Timeliness is one of the greatest factors in the control of diseases and pests; in order to spray intelligently, that is, to strike at the proper time, one should know at least the main facts in the life-history of the insect or disease sprayed against. Moreover, it will pay to remember that, for nearly all fungous diseases and some insects, spraying is a preventive, and to be most effective must be done at the time when attacks may be expected, without waiting for the enemy to become apparent.

Spray only on clear, sunny days and finish the work early in the afternoon, so that the application will dry rapidly and before dew falls. Spray evenly and thoroughly, using ample pressure and a nozzle that throws a fine mist, but do not continue until the foliage drips. Never spray when the trees are in blossom.

In general terms:

**POISONS**, such as Arsenate of Lead, are used to control leaf-eating insects. Examples—Canker Worm, Potato Beetle.

**CONTACT INSECTICIDES**, such as Tobacco Extracts, Soap Sprays, Kerosene Emulsion, etc., are used in fighting sucking insects. Examples—Plant Lice, Squash Stink-bug. Sucking insects will not be killed unless they are hit by the spray.

Bordeaux Mixture and Lime-Sulfur are for use against plant **DISEASES**.

Plant	Enemy	Spray	1st Application	2nd Application	3rd Application
Apple	{ Bud Moth Codling Moth Scab Curculio	{ Arsenate of Lead and Bordeaux. (Lime-Sulfur may be used instead of Bordeaux)	{ Just before blossoms open.	{ Immediately after petals fall.	{ 10 days later.
	{ San Jose Scale	{ Lime-Sulfur or Miscible Oil.	{ Autumn after leaves have fallen	{ or Early Spring before leaf buds swell.	{ If badly infested make both applications.
Cabbage Cauliflower	{ Green Worms	{ Arsenate of Lead if plants are not heading.	{ If heading, apply Hellebore.		
Carnation	{ Red Spider	{ Clear water.	{ Syringe off the plants 3 times a week, being careful not to drench the beds.		
	{ Rust	{ Copper-Sulphate, 1 lb. to 20 gals. water.	{ In the greenhouse once in 2 weeks. In the field once a week.		
Cucumber Melon Squash	{ Wilt Mildew	{ Bordeaux.	{ Middle of July.	{ 10 days later.	{ }
	{ Striped Beetle Borer.	{ Bordeaux. As soon as stems are long enough cover the joints with earth so that secondary roots will develop.	{ Keep the vines well sprayed to make them distasteful to the beetles.		
Currant Gooseberry	{ Currant Worm	{ Arsenate of Lead and Bordeaux.	{ As soon as worms appear.	{ Use Hellebore after fruit is half grown.	
	{ Mildew	{ Bordeaux.	{ Before leaf buds open.	{ After blossoming.	{ }
Grape	{ Flea-beetle	{ Arsenate of Lead.	{ Before blossoms open.	{ }	{ }
	{ Mildew	{ Bordeaux.	{ Before blossoms open.	{ When fruit has set.	{ 2 weeks later.
Peach and Apricot	{ San Jose Scale	{ (See under Apple).			
	{ Peach Leaf-curl.	{ Lime-sulfur or Bordeaux.	{ Dormant season before buds swell.	{ }	{ }
	{ Curculio	{ Arsenate of Lead.	{ When shucks are shedding from the young fruit.	{ One month after petals fall.	{ }
	{ Scab and Brown-rot.	{ Self-boiled Lime-sulfur 8-8-50.	{ One month after petals fall.	{ One month before fruit ripens.	{ }
Pear	{ Psylla	{ Tobacco extract.	{ After blossoms fall.	{ 5 to 7 days later.	{ }
	{ Codling Moth Scab Scale	{ (See under apple).	{ }	{ }	{ }
Plum	{ Curculio	{ Arsenate of Lead.	{ Just after blossoms fall	{ 1 week later	{ }
	{ Fungous diseases	{ (See under Peach).	{ }	{ }	{ }
Potato	{ Scab	{ Soak seed before cutting for 90 minutes in corrosive sublimate 1 oz. to 7 gals. water. Plant in clean soil.			
	{ Beetles Blight or Rot	{ Arsenate of Lead and Bordeaux	{ When plants are 6 or 8 inches high	{ 2 weeks later	{ Repeat every 2 or 3 weeks, omitting arsenate of lead if beetles are not in evidence. Wet spells followed by hot weather are favorable to development of rot and blight.
Raspberry Blackberry Dewberry	{ Anthracnose	{ Bordeaux.	{ When new canes are 6 inches high.	{ 2 weeks later.	{ 2 weeks later.
	{ Red Rust	{ Dig up and burn all infected plants.			
Rose	{ Rose-chafer	{ Arsenate of Lead.	{ When beetles appear.	{ Repeat when necessary.	
	{ Leaf spot	{ Bordeaux.	{ As soon as spots appear.	{ Repeat when necessary.	
	{ Mildew	{ Flowers of sulfur.	{ Dust every 10 days if necessary.		
Strawberry	{ Leaf Spot or Rust	{ Bordeaux.	{ 3 or 4 times during the season.		

For Plant Lice (Aphids) use Tobacco Extracts or Soap Sprays on all Plants.





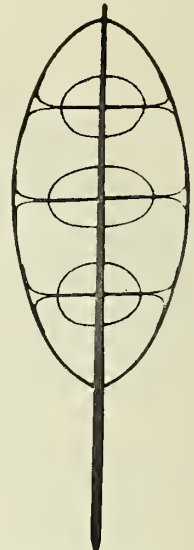
Lattice



Veranda



Fan



No. 2 Bow

## TRELLISES

Made of wood and rattan painted green. The most durable and ornamental trellis on the market.

Special Sizes and Styles Made to Order.

### Lattice Trellis

Not carried in stock, but can be shipped quickly from factory.

	Each	Per doz.
6 ft. x 18 in. ....	\$1.35	\$15.00
7 ft. x 18 in. ....	1.60	18.00
8 ft. x 18 in. ....	1.75	21.00
9 ft. x 18 in. ....	2.10	24.00
10 ft. x 18 in. ....	2.50	28.00
11 ft. x 18 in. ....	2.75	32.00
12 ft. x 18 in. ....	3.25	36.00

### Bow Trellis

	Each	Per doz.
No. 1, 30 x 10 in. ....	\$0.40	\$4.00
No. 2, 30 x 14 in. ....	.55	6.00
No. 3, 36 x 12 in. ....	.60	7.00
No. 3½, 42 x 14 in. ....	.65	8.00
No. 4, 48 x 15 in. ....	.80	9.00
No. 5, 60 x 18 in. ....	.95	11.00
No. 6, 72 x 20 in. ....	1.20	13.00

### Fan Trellis

	Each	Per doz.
1½ ft. x 7 in. ....	\$0.20	\$2.00
2 ft. x 10 in. ....	.25	2.50
2½ ft. x 13 in. ....	.35	3.50
3 ft. x 16 in. ....	.65	7.50
3½ ft. x 21 in. ....	.85	8.50
4 ft. x 27 in. ....	.95	10.50
5 ft. x 32 in. ....	1.25	13.50
6 ft. x 38 in. ....	1.35	15.00
7 ft. x 42 in. ....	1.50	17.00
8 ft. x 46 in. ....	1.75	20.00

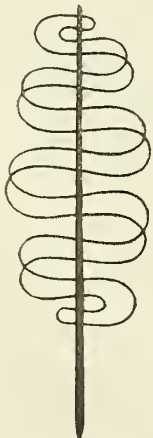
### Veranda Trellis

Ornamental and substantial. Especially adapted to outdoor use for high climbing plants.

	Each	Per doz.
2 ft. ....	\$0.60	\$6.00
3 ft. ....	.65	7.00
4 ft. ....	.75	8.00
5 x 1½ ft. ....	1.20	13.00
6 x 1½ ft. ....	1.35	15.00
7 x 1½ ft. ....	1.60	18.00
8 x 1½ ft. ....	1.80	21.00
9 x 12/3 ft. ....	2.10	24.00
10 x 12/3 ft. ....	2.50	28.00
11 x 2 ft. ....	2.65	32.00
12 x 2 ft. ....	3.25	36.00

### Extra Wide Veranda Trellis

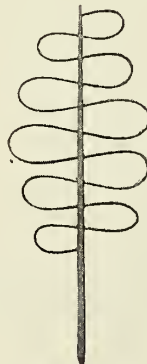
6 x 2 1/3 ft. ....	\$2.25	\$24.00
8 x 2 1/3 ft. ....	2.80	32.00
10 x 2 7/12 ft. ....	3.65	42.00
12 x 3 ft. ....	4.25	48.00



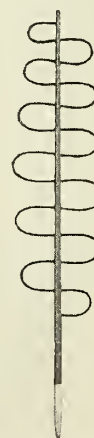
No. 0 wide  
20c each  
\$2.00 doz.



No. 00  
10c each  
\$1.00 doz.



No. 00 wide  
15c each  
\$1.60 doz.



No. 0  
15c each  
\$1.60 doz.



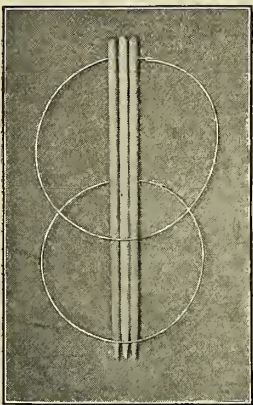
No. 1 Bow  
40c each  
\$4.00 doz.



## Plant Sticks



Two-Hoop Wood Tomato Support



Wood and Wire Tomato Support

Plant Sticks, Green Painted. For pot and garden use. The three extra heavy sizes have black painted points to prevent moisture entering the fibre of the wood.

### SQUARE

1½ ft. . . . .	Per 100, \$1.35	2 ft. . . . .	Per 100, \$2.00
2½ ft. . . . .	" 3.00	3 ft. . . . .	" 4.75
3½ ft. . . . .	" 5.50	4 ft. . . . .	" 6.50
5 ft. . . . .	" 8.50	6 ft. . . . .	" 10.50

### EXTRA HEAVY

4 ft. . . . .	Per 100, \$9.50
5 ft. . . . .	" 14.00
6 ft. . . . .	" 16.00

### UNPAINTED HARDWOOD STICKS

Neat, durable and clean; much used by florists for carnations, roses, etc.

2 ft. . . . .	Per 100, \$0.50	Per 1000, \$3.50
3 ft. . . . .	" .60	" 5.00
4 ft. . . . .	" .70	" 6.00

### BAMBOO CANE STAKES

These are light, strong and very durable. Length about six feet. Florists use them much and cut them to any desired length. Per 100, \$1.00. Per 500, \$4.00

### GALVANIZED IRON WIRE STAKES

Useful for pot plants and for carnations, chrysanthemums, etc., in benches.

2 ft. . . . .	Per 100, \$2.00	Per 1000, \$15.00
3 ft. . . . .	" 2.50	" 20.00
4 ft. . . . .	" 3.00	" 25.00

### TOMATO SUPPORTS AND BEAN POLES

**Two-Hoop Wood.** Strong, light, practical, quickly set in position and can be stored from season to season in a small space. Per doz., \$1.50.

**Wood and Wire.** Uprights of hard wood. Two wire rings. When not in use they fold compactly for storage. Each, 20 cts. Doz., \$2.25.

**Bean Poles,** 8 to 10 ft. long. Per doz., \$1.00. Per 100, \$6.50.

## Labels, Wood

For Pots, Garden and Trees

### POT LABELS

		Painted	Plain
4 x 5/8 in. . . . .	Per 100, \$0.12	Per 1000, \$0.85	\$0.60
4½ x 5/8 in. . . . .	" .12	" .95	.70
5 x 5/8 in. . . . .	" .15	" 1.10	.80
6 x 5/8 in. . . . .	" .20	" 1.35	1.00
10 x 5/8 in. . . . .	" .25	" 2.90	2.25
12 x 5/8 in. . . . .	" .30	" 3.50	2.75

### GARDEN SIZES

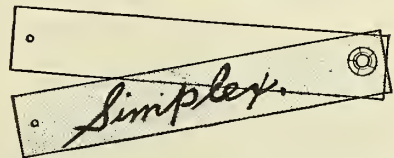
		Painted	Plain
8 x 7/8 in. . . . .	Per 100, \$0.45	Per 1000, \$4.00	\$3.20
10 x 7/8 in. . . . .	" .55	" 5.20	4.20
12 x 1½ in. . . . .	" .65	" 6.60	5.40

### WIRED LABELS

		Painted	Plain
3½ x 5/8 in. Iron Wire	Per 100, \$0.20	Per 1000, \$1.15	\$0.90
3½ x 5/8 in. Brass or Copper Wire	" .20	" 1.40	1.15

Any Size and Style of Wood Labels made to Order.

### SIMPLEX WEATHERPROOF PLANT LABELS



Neat, convenient, permanent. The writing is protected by the transparent cover, and will last indefinitely if done with lead pencil. Whatever water enters at the sides will not deface the markings as the graphite of the pencil is not soluble to any extent and requires friction to remove it. This friction is prevented by the transparent cover.

**DIRECTIONS:** Slide transparent cover to one side, mark with ordinary lead pencil, replace cover, pass wire through both holes and attach. Waterproof India Ink may also be used for marking with excellent results.

Prices, including Copper Wires for attaching.

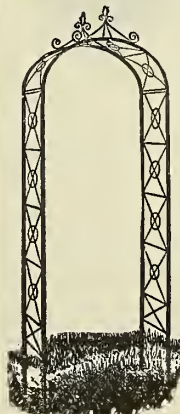
No.	Sizes	Per Doz.	Per 100	No.	Sizes	Per Doz.	Per 100
1	3x½ in.	\$0.25	\$2.00	3	5x1 in.	\$0.75	\$6.00
2	4x¾ in.	.50	4.00		Special sizes to order		

**LABELS. Improved Indestructible Tree.** These labels are made of copper alloy, and so constructed that the wire cannot cut through the metal from constant flapping in the wind. If properly attached there is no danger of it becoming unfastened. By using a stylus or hard lead pencil the metal is indented and the writing is permanent.

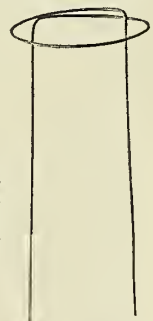
No. 1.	3¾ x ¾ in.	Per 100, \$1.50
No. 2.	5 x 1½ in., suitable for two lines writing	" \$2.00

**WIRE RODS or STAKES.** To be used with *Indestructible* or other hanging label, \$4.00 per 100.

## Garden Arches



Garden Arch



### EXCELSIOR WIRE CARNATION SUPPORTS

Can be used in benches, pots or borders. No loose rings to get lost. Sizes, 13 and 20 inches in height. Per 100, \$2.25. Per 1000, \$20.00.

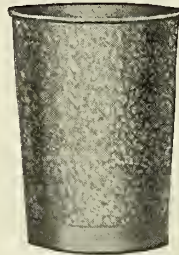
Garden Arch		Excelsior Carnation Support	
Whole Height	Width	Span	Painted Green
5 feet	12 inches	2½ feet	Price each, \$5.50
6 "	12 "	2½ "	" 7.00
8 "	18 "	4 "	" 8.50
8 "	36 "	4 "	" 15.00

We manufacture Wire Plant stands to fit special windows and other locations. When ordering be careful to send correct measurements.



## FLOWER POTS, SAUCERS AND SEED-PANS

Inside Measurement, width and depth equal. Packing charged extra. All Prices subject to change without notice.

Hanging  
Flower PotsNo. 6  
Galvanized Iron Florist VasesNo. 5  
Galvanized Iron Florist Vases

## Hanging Flower Pots

Size	Each, \$0.20	Per doz., \$1.70
7 in.	.25	2.20
8 "	.30	2.70
9 "	.45	4.50
10 "	.60	6.00

## Galvanized Iron Florist Vase

Strong, light, durable, made of good material with heavy hoop at base of can to reinforce bottom of vase. Only plain galvanized iron carried in stock; painted green or any color to order.

No.	Top Diam.	Bottom Diam.	Height	Doz.	Each
5	7 3/4 in.	5 1/2 in.	11 in.	\$6.00	\$0.55
6	7 3/8 "	5 1/2 "	17 "	7.00	.65
7	8 "	6 1/4 "	11 "	6.75	.60
8	9 "	7 3/8 "	12 "	7.20	.70
9	9 "	7 3/8 "	17 "	9.00	.80



Flower Pots



Round Seed Pan



Saucers

## Flower Pots

Size	Per doz. \$0.20	Per 100, \$1.30
3 in.	.30	2.00
4 "	.55	3.60
5 "	.75	5.40
6 "	1.25	9.00
7 "	1.80	13.00
8 "	2.50	20.00
9 "	3.25	27.00
10 "	7.50	55.00
12 "		Each, .70
13 "		.90
14 "		1.40
15 "		2.00
16 "		3.00
18 "		

## Round Seed Pans

Size	Each, \$0.08	Per doz., \$0.75	Per 100, \$5.40
6 in.	.15	1.60	13.00
8 "	.30	3.40	27.00
10 "	.60	7.00	55.00
14 "	1.00	11.00	90.00

## Saucers

Size	Per doz., \$0.20	Per 100, \$1.20
3 in.	.25	1.50
4 "	.30	2.00
5 "	.45	3.00
6 "	.50	4.00
7 "	.70	5.50
8 "	.90	7.50
9 "	1.20	9.00
10 "	1.80	13.50
12 "	2.40	18.00
13 "	3.00	23.00
14 "	4.00	30.00
15 "	5.00	40.00
16 "	6.50	50.00

## Fern Pans

Size	Per doz., \$0.40
4 x 1 7/8 in.	.50
4 3/4 x 2 1/4 in.	.70
5 1/2 x 2 1/4 in.	.80
6 1/4 x 2 1/4 in.	.90
7 x 2 1/2 in.	1.30
8 x 3 1/2 in.	1.65
9 x 3 1/4 in.	2.00
10 x 4 in.	

## Brass Jack Chains

For Hanging Pots. No. 118, 3 strand, each, 25 cts. No. 119, 4 strand, each, 30 cts.

## Cedar Plant Tubs

For growing Agaves, Century and other large plants. Made of the best red cedar; painted green; iron handles.

No.	Top Diam.	Outside Height	
1....	28	22	\$7.00
2....	26	20	6.30
3....	24	18 1/2	4.55
4....	22	17	4.05
5....	20	16	3.55
6....	18 1/2	15	2.80
7....	17	14	2.45
8....	16	13	2.00
9....	14	12	1.65
10....	12	9 1/2	1.30
11....	10 1/2	9	1.10
12....	9 1/4	8	.95
13....	8	7	.80

## Oak Jardinieres

Handsome and durable. An ideal gift.

In these goods, the oak is selected to show the quartered grain, stained dark and finished with lustre surface.

The hoops and handles are of brass, highly polished and lacquered.

Inside of tubs is painted a rich dark red.

We will quote on larger special sizes on receipt of specifications, giving inside top diameter and inside depth.

No.	Inside Top Diam.	Inside Depth	Each
75	7	4 3/4	\$2.75
77	7	6 1/4	3.25
85	8	5 1/4	3.30
88	8	7 3/4	3.60
96	9 1/4	5 3/4	3.85
99	9 1/4	9	4.00
119	11	9	4.25
1111	11	11	5.00
1212	12	12	6.60
1414	14	14	8.45

Special sizes made to order if desired.

## Neponset Paper Pots

Size	Doz.	100	1000	Size	Doz.	100	1000
2 1/4 in.	\$0.08	\$0.35	\$3.00	4 in.	\$0.15	\$0.85	\$7.25
2 1/2 "	.10	.40	3.25	5 "	.20	1.45	12.00
3 "	.12	.50	4.25	6 "	.25	2.00	16.00
3 1/2 "	.13	.70	5.75				

Not less than one thousand at thousand rate.



(All prices on this page subject to change without notice.)

## Fibre Saucer Trucks for Large Pots and Tubs



Fibre Roller Saucer



Fibre Saucers

These are made of Indurated Waterproof Fibre Ware, mounted on detachable iron frame with castors. They are a great convenience for using with the larger size pots and tubs. Being perfectly waterproof, they are especially suitable for use in parlors, halls, etc.

	Each	Doz.
12 in. diameter, 3 castors	\$0.80	\$ 9.60
14 " " 3 "	1.10	12.00
16 " " 4 "	1.35	15.00
18 " " 4 "	1.60	18.00
20 " " 4 "	1.85	21.00
22 " " 5 "	2.50	27.00

The 12-inch size is suitable for a 10-inch pot, the 14-inch for a 12-inch pot, and so on.

## Fibre Saucers without Castors

Made from Indurated Fibre Ware, prevents moisture passing through to injure table, floor or carper.

No.	Each	Doz.	100	No.	Each	Doz.	100	No.	Each	Doz.	100
5	\$0.20	\$ 2.25	\$ 16.50	9	\$0.26	\$ 2.85	\$ 22.00	16	\$0.80	\$ 8.40	\$ 63.00
6	.22	2.35	17.00	10	.27	3.00	23.00	18	.85	9.60	74.00
7	.24	2.45	18.50	12	.30	3.50	28.00	20	1.50	14.40	110.00
8	.25	2.65	20.00	14	.40	4.50	36.00	22	1.60	18.00	140.00

The three sizes last quoted are *deep and serviceable*. *Shallow dishes* can be supplied at a lower price.

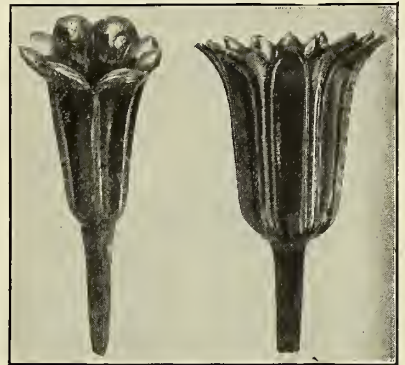
## Bouquet Holders for Cemeteries

Indispensible for cemetery use. Made of iron, nicely finished in green and bronze.

No. 4 Tulip	Each, \$0.20	No. 0 Lily	Each, \$0.25
" 5 "	.25	" 1 "	.40
" 6 "	.30		

Egyptian Bouquet Holder, new pattern, large size; holds half gallon water. \$1.25 each.

Tin Bouquet Holders. No. 35, \$1.25 doz., 12c. each; No. 36, \$1.50 doz., 15c. each; No. 37, \$2.00 doz., 20c. each.



Bouquet Holders

No. 22, Single Tray, 10 x 24 in.	each, \$1.25	No. 23 Single Tray, 10 x 33 in.	each, \$1.75
No. 20, 2-Wire Trays,	each, \$2.50	No. 20, 3-Wire Trays,	each, \$3.50
		No. 20, 4-Wire Trays,	each, \$4.75

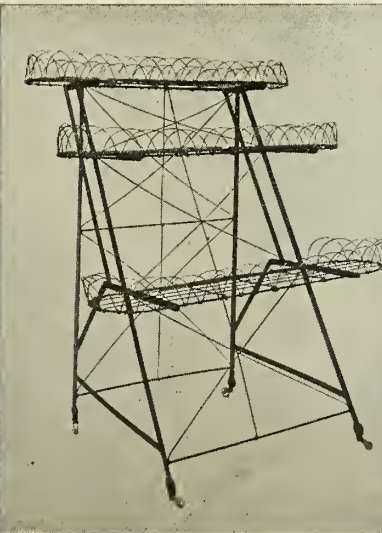
## Berlin Reservoir Vases for Lawns, Cemeteries, etc.

These iron vases are so constructed that one watering will keep the earth moist for a long time without souring the soil or injuring the roots. The reservoir is below the soil and water is taken up as wanted by capillary attraction.

No. of Vase	Height without Ped.	Diam. of Vase	Height of vase and Ped.	No. of Ped.	Painted vase and Ped.	Bronze vase and Ped.	Extra for vase handle. Per pr.
1	19	17	25	1	\$6.30	\$7.00	\$2.00
2	21 1/4	20 1/2	28	2	9.00	10.00	2.50
2 1/2	26	24 1/2	33	2 1/2	13.50	15.00	3.25
3	29	27	37	3	18.00	20.00	4.00



Berlin Cemetery Vase



Folding Plant Stand



Berlin Cemetery Vase with Handles

For free delivery offers and general instructions regarding orders and shipments see third page of cover



No. 109  
Moss Hanging Flower VaseNo. 35  
Wire Hanging Basket

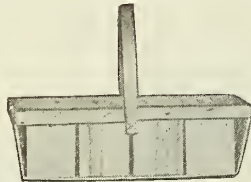
## Moss Ornamental Pottery

The latest and most popular ware of the kind for house decoration. Made up in many sizes and in a variety of shapes and designs; color of the ware, rich red brown overlaid with mossy green, a combination that harmonizes very readily with most all kinds of house furnishings. This ware is strongly made but of light weight. All the jardinières are supplied with "liners" without extra charge. Illustrated circular showing color of the pottery and every style sent upon request.

No.		Diam.	Doz.	Each
400	Fern Pan	3 in.	\$1.50	\$0.20
435	" Old	4 in.	3.00	.30
435	" New	4 in.	3.00	.30
445	"	5 in.	3.25	.40
450	"	6 1/4 in.	5.00	.50
490	" Square	5 x 3 1/2 in.	10.00	1.00
495	"	7 x 4 in.	15.00	1.50
160	Wall Pockets		3.25	.35
150	Cemetery Vases		3.25	.35
105	Hanging Baskets with chains	5 in.	5.00	.50
107	"	5 in.	5.00	.50
109	"	6 in.	10.00	1.00
111	"	8 1/2 in.	20.00	2.00
103	"	9 in.	9.00	1.00
200	Jardiniere	5 in.	1.80	.30
201	"	5 in.	1.50	.20
345	Azalea	7 in.	10.00	1.00
347	"	10 in.	16.00	1.50
343	"	6 in.	6.00	.60

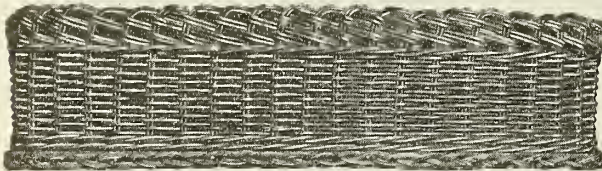


Small Verberna



Large Verberna

**Baskets, Pansy or Verberna, Marston's Pattern.** Wood or wire handles, standard size, 10 in. long, 5 in. wide, 3 in. deep, 100, \$2.50; 1000, \$20.00. Large size, 12 in. long, 7 in. wide, 3 in. deep, 100, \$3.50; 1000, \$30.00.



Wicker Window Box

## Wicker Window Boxes

Well made, oblong wicker basket, with heavy zinc tank inside, waterproof, making a most durable, neat and attractive window box for indoor plants. Stock sizes painted green; any size made to order at short notice. Following sizes carried in stock:

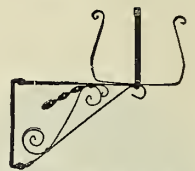
24 in. \$4.00 each    30 in. \$4.50 each    36 in. \$5.25 each

**Wire Window Shelf.** With adjustable steel brackets. 36 inches long, with brackets complete, \$1.15; each additional foot 25 cts.

For free delivery offers and general instructions regarding orders and shipments see third page of cover.

No. 400  
Moss Fern PanNo. 150  
Moss  
Cemetery  
Vase

Moss Basket



Flower Pot Bracket

## Wire Hanging Baskets No. 35

	Per doz.	Each
5 in. bottom	\$2.40	\$0.25
7 " "	3.00	.30
9 " "	3.60	.35

## Moss Baskets No. 37

	Each	\$0.20
5 in. across top		
8 " "		

**Flower Pot Brackets.** Especially adapted to plain flower pots and saucers. It is the most practical article for the purpose that has ever been offered. The cut herewith shows the idea. The steel clasp or frame in which the pot and saucer sit is of such a form as to hold them securely. They are made throughout of flat steel, perfectly strong and can be fastened on the narrowest moulding. Black finish.

No.	Length of Arm	Clasp to hold	Price each	Price doz.
1	7 in.	5 in. pot	35 cts.	\$3.60
2	8 in.	6 " "	40 cts.	4.20
3	10 in.	7 " "	45 cts.	4.80

## Rustic Work

Strongly made from Natural Roots and Knots.

**Hanging Baskets.** 8 in. 75 cts., 9 in. 85 cts., 10 in. \$1.00, 11 in. \$1.25, 12 in. \$1.50, each.

**Window Boxes.** 18 in. long \$1.40, 24 in. long \$2.00, 30 in. long \$2.75 each.

**Hexagon Stands.** Height 26 and 31 inches. 16 in. diam. \$2.50, 20 in. diam. \$3.50, 24 in. diam. \$4.50, each.

**Oblong Stands.** 24 in. high, 18 in. long \$3.00; 28 in. high, 24 in. long, \$3.50; 31 in. high, 28 in. long, \$6.00, each.

**Round Vase.** Height 30 in., diameter 13 in., \$3.50.

**Arm Chair.** No. 3, each \$6.50.

**Rustic Settee.** Length of seat, 2 1/2 ft. \$5.50; 3 1/2 ft. \$7.50; 4 1/2 ft. \$10.00, each.

Any special size or design to order.

## Galvanized Steel Window Box

This plant box is made of strong galvanized iron, neatly enameled in dark green. It is so constructed that the watering is easy; the drainage ample; the air circulation perfect. Made with a water pocket on one side, at the bottom. This pocket runs the full length of the box. Leading from it into the box itself, are openings to convey the water to the soil. To prevent these openings from clogging up, a roof-shaped piece of metal extends from the pocket openings to the center of the box at the bottom.

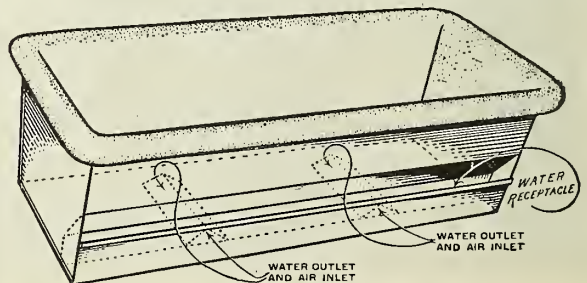
### Price List Model A

Lgth.	Wdth.	Dpth.	Price Each
12 in.	8 1/2 in.	6 1/2 in.	\$0.60
18 "	8 1/2 "	6 1/2 "	.75
24 "	8 1/2 "	6 1/2 "	.85
30 "	8 1/2 "	6 1/2 "	1.15
36 "	8 1/2 "	6 1/2 "	1.75

### Price List Model D

Lgth.	Wdth.	Dpth.	Price Each
30 in.	11 in.	8 in.	\$2.75
36 "	11 "	8 "	3.25

Prices on larger sizes quoted on application.



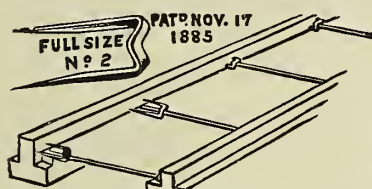
Metal Window Box



## Sterlingworth Weed Killer



This preparation is the most powerful and effective weed-killing compound known. It is unexcelled for use on walks, drives, tennis courts and golf links, and is used largely in parks and cemeteries, or where the killing of all objectionable vegetation is desired. It is a dry powder to be dissolved in water. It permanently destroys all kinds of weeds, grass (including milk-weed and witch grass), poison ivy, briars, burdocks, dandelions, daisies, thistles. One application kills roots and foliage, preventing further growth until new seed is sown. Do not dig up your walks, drives and tennis courts to kill weeds. The cheaper, quicker and less laborious way is to use this killer. It is applied with an ordinary watering can. Full directions on every can. 1-lb. pkg. (makes 10 gals.) 50 cts., 3-lb. pkg. (makes 30 gals.) \$1.25, 5-lb. pkg. (makes 50 gals.) \$2.00.



**Glazing Points.**  
**The Peerless.** The only durable and reliable points. Made of galvanized steel wire, no rights and lefts. No raising up when driving. Three sizes: Nos. 2, 2½ and 3. The Nos. 2 and

2½ are for general use; the No. 3 for extra heavy work. Per box of 1000, 60 cts. Pincers for driving same, 40 cts.

**Caps, Hay, Breck's Improved.** Brown, medicated, complete with ropes and pins, \$1.00 each; \$90.00 per 100.

**Butter Color, Hansen's Danish.** This color is famous the world over and is used wherever it is desired to impart the "golden tinge of June" to butter at all seasons of the year. Bottle, sufficient to color 500 lbs. of butter, 25 cts.; for 1200 lbs., 50 cts.; for 2500 lbs., \$1.00.

**Mats, Straw.** Hotbeds, 6 x 6, \$1.75 each; 3 x 6, \$1.25. Other sizes to order.



Arlington Plant Protector

**Protectors, Arlington Plant.** Protects from bugs, bores and fowls, also subdues wind, rain and cold. Each 25 cts., doz., \$2.25.

**Cotton Batting.** For packing flowers, etc. Per sheet, 6 cts.  
**Palmer Hotbed Mat No. 2.** Size 76 x 76 inches, wool filled and quilted, frost proof. Drill or burlap, outside covering, \$2.75 each.

**Pencils.** Wolff's Indelible Garden. For writing on wood labels, with point protector. Each 20 cts., doz. \$2.00.

**Protecting Cloth for Hotbeds.** Used as a substitute for glass for protecting plants in early spring. In pieces of 60 yds., 12 cts. per yd.

**Putty Bulbs.** A simple and useful device for applying putty to sashes, \$1.00 each.

**White Wax Paper.** For packing and protecting flowers and plants. Size 12 x 18 inches, 90 cts. per ream. Size 24 x 36 inches, \$3.50 per ream.

**Kraft Wrapping Paper.** In 18, 24 and 30 in. rolls. For wrapping parcels, boxes, etc., per pound 12c. Price subject to change.

**Twine Melon Nets.** 15c each; \$1.50 a doz. For supporting melons growing in greenhouses.

## Hyacinth Glasses



Tall



Tye's

The Hyacinth Glasses we offer are of American manufacture. They are of better shape and in more desirable colors than the imported Belgian glasses usually sold.

Ordinary Tall Shape. Green, blue and amber. Each 20 cts., doz. \$2.00.

Tye's Style. Green, blue and violet. Each 25 cts., doz. \$2.25.

## Mastica

(For Greenhouse Glazing.)

We originally introduced Mastica to the horticulturists of New England. It is superior to any and all other preparations for the purpose, and when results and labor in setting or resetting glass are considered it is decidedly the cheapest article to use.

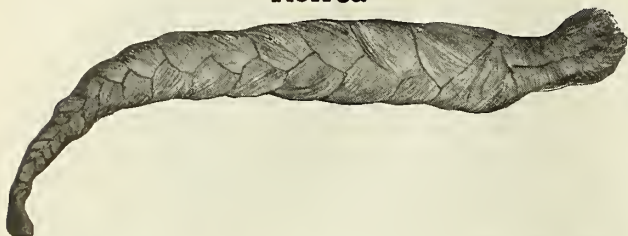
**We are the Manufacturers' Distributing Agents for Boston**

For glazing greenhouses, new or old. The use of Mastica avoids the necessity of frequent reglazing. It can be used to bed in or on the outside, with a machine; one gallon will cover about 200 running feet (one side). Gallon cans \$1.50, ½ gallon 80 cts. 6% discount allowed on orders for 6 gallons; 10% discount allowed on orders for 10 gallons; f. o. b. Boston.

Machines for applying Mastica, \$1.50 each. *Net.*





**Roffea**

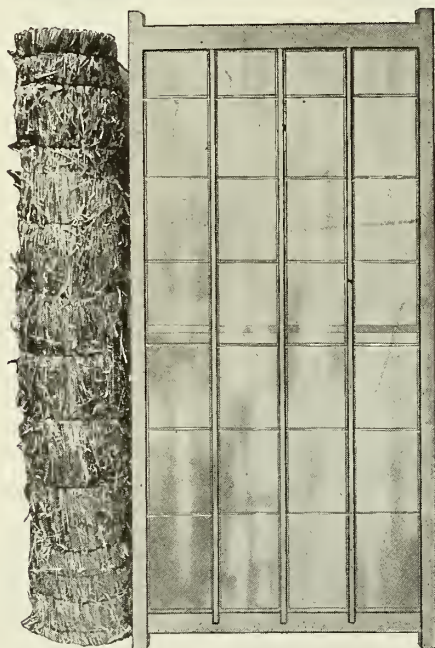
This grass, long used by gardeners for tying plants and bunching vegetables, has been adapted to new uses. While it is likely to hold its place as the best tying material yet produced, there will be a great demand for it for a few years for making baskets, mats, etc. Price, 25 cts. per lb.

**Garden Gloves.** Specially made for garden use. Men's Gauntlet, 85 cts. per pr. Ladies' Gauntlet, 75 cts. per pr.

**"Basket Making."** The first book of the "How to Do It Series." Tells all about basket making. It contains over one hundred illustrations of working designs with full particulars of methods. By mail 25 cts.

**Silkline.** Used for growing smilax and asparagus on, also for tying in bouquet work; per reel, 25 cts.

**Sprinklers, Scollay's Rubber.** An indispensable article for showering plants, sprinkling bouquets, dampening clothes, etc.; three sizes, 75 cts., \$1.00 and \$1.25 each.

**Scollay Sprinkler****Double Glass Hot Bed Sash****Straw Hot Bed Mat**

Two sashes in one frame, doing away with the extra mat and board covering which must be used in this section during our severe winter, if one is to be sure of plants growing in Hot Bed or Cold Frame.

The double layer of glass,  $\frac{5}{8}$  inch apart, provides dry air space, which is the best non-conductor known, and while acting as a protecting mat or blanket, lets in the sun with its heat rays. Our sash is all puttied into the frame, which is made of the very best material and well painted and the standard 3 x 6 size; lights of glass, 10 x 12.

Price: per single sash, \$5.00; 5-sash at \$4.85 each; 10-sash and over \$4.75 each; delivered to railway station or express, Boston. Crating extra.

**Single Glass Sash for Hot Beds or Cold Frames**

Crating Extra at Cost

Made from thoroughly seasoned lumber. Frame, well puttied and painted,  $1\frac{3}{4}$ -inch stock; glass, 8 x 10. The best sash offered today in Boston.

Price: Single sash, \$4.00 each; 5-sash or over, \$3.75 each.

**Breck's Special Hot Bed Sash with Frame, Complete**

The outside dimensions of **Frame** are three feet one inch long, and four feet eight inches wide, made of one inch **Cypress**; the back piece is nine inches wide and the front piece is six inches wide, grooved together, and held in place by eight strong hooks.

Being fastened together by the hooks enables one to take it apart at the end of the season and store away in a very compact form, which we consider an essential feature, as by so doing the frame may be made to last for years.

The **Sash** is also made of **Cypress** of one and one-half inch stock, put together and glazed in the very best manner. On the under side of the **Sash** is fastened a cleat, one inch from the outer edge, all around, thus forming a rabbet which makes the frame very tight, preventing the cold air from entering or the heat escaping.

The construction of the frame is so simple that any one with a hammer and screwdriver can put it together in a few minutes.

In offering this **Special Hot-Bed** to our customers we feel that we have something that will give entire satisfaction and will supply a long felt want.

Our price for **Frame** and **Sash** complete is **only** \$6.50 delivered at the railroad in Boston.

**Sieves, Wire.** For preparing potting soil, sifting loam, gravel, etc.; 16, 18, 20 and 24 inches diameter; 75 cts., 90 cts., \$1.15, \$1.50 each respectively.

**Florists' Shipping Boxes. Cardboard Cut-Flower Boxes**

Sizes

21 inches	x	5 inches	x	3 inches
24 "	x	5 "	x	3 "
24 "	x	8 "	x	4 "
28 "	x	8 "	x	5 "
30 "	x	5 "	x	3 "
35 "	x	8 "	x	5 "

Prices quoted on application or supplied at lowest market price.

**Corrugated Boxes**

Sizes

26 inches	x	10 inches	x	5 inches
30 "	x	12 "	x	7 "
36 "	x	12 "	x	9 "

Prices quoted on application or supplied at lowest market price

**Tape, Electric.** Exceedingly useful for mending rubber hose. It is a strong adhesive ribbon,  $\frac{3}{4}$  of an inch wide, can be wound tightly around a leaking part. Per coil, 25 and 50 cts.

**Tinfoil.** For bouquets. Per lb., 50 cts.

**Twine.** Soft, for tying cut flowers, vines, etc. Per ball, 25 cts.

**Twine, Parcelling.** All sizes. Per ball, 10 to 25 cts.

**Wax Grafting (Trowbridge's).** The best in the market. This brand should not be confounded with the many cheap makes now offered, that are not possessed of an even consistency, and give unsatisfactory results. Put up in 1 lb.,  $\frac{1}{2}$  lb., and  $\frac{1}{4}$  lb. packages; price 40 cts., 25 cts., and 15 cts. respectively.

**Wire, Bouquet.** Bright, cut in lengths of 9 and 12 inches, in boxes of 12 lbs. (one stone) each.

Per box, either length, Nos. 20, 21 and 22	.	.	.	\$1.50
" " " " 23 and 24	.	.	.	1.50
" " " " 25	.	.	.	1.75
" " " " 26	.	.	.	2.00
" " " " 34	.	.	.	2.75



## INSECTICIDES AND FUNGICIDES

In general terms: **ARSENATE OF LEAD and PARIS GREEN** are specifics for leaf-eating insects.  
**KEROSENE EMULSION, TOBACCO, FISH OIL SOAP** for sucking insects.  
**BORDEAUX MIXTURE and LIME AND SULPHUR** for fungus.

Prices subject to change without notice. See spraying calendar on page 119.

### "CORONA DRY" (Arsenate of Lead)

A pure Arsenate of Lead containing 33% arsenic oxide, absolutely chemically combined with lead and the lowest percentage of "free" or water soluble arsenic. It is the ideal compound for spraying potatoes because it combines the quality of quick poisoning (superior suspension), giving even application; absolutely safe from "burning" and great adhesiveness. It gives an even application, covers more thoroughly and sticks to the foliage longer. It mixes easily and readily in water. No working up to prepare for the spray tank. No straining. It is only necessary to shake the proportional amount into the spray tank. By using the same weight each time you spray, your mixture is always the same strength. No guesswork. Standardization is alone worth the price. No freight to pay on water; cannot freeze or dry out, cake, or lose its strength. ½-lb. pkg. 25 cts. each, 1-lb. pkg. 40 cts., 5-lb. pkg. 35 cts. lb., 10-lb. pkg. 30 cts. lb., 25-lb. drums 27 cts. lb., 50-lb. drums 26 cts. lb., 100-lb. drums 25 cts. lb., 200-lb. drums 24 cts. lb.



J. BRECK & SONS.

June 28, 1916.

Please send me by Tenny's Express 10 lbs. Corona Arsenate of Lead. I have used it on my potatoes with the best of success and want to be prepared for the next crop of bugs.

(Signed) ALFRED KIMBALL,  
Georgetown, Mass.

**Corona Dusting Sulphur for Fungus Pests.** Pure refined superfine flour sulphur. No other ingredients. This pure sulphur is especially prepared for dusting. It can be used for all purposes of commercially pure sulphur. There are many insects, and even more fungus diseases, that have no known remedies at the present time. The fungus diseases are the harder of the two to handle, but some of the most common ones can easily be controlled by the use of an efficient sulphur product. Price 1-lb. can 20 cts., 5-lb. cans 75 cts., 25-lb. drums 9 cts. lb., 100-lb. drums 7 cts. lb.

**METHOD OF APPLICATION:** "Corona Dry" and Corona Dusting Sulphur are applied to growing plants, trees, shrubs, etc., in exactly the same way. The dry powder is placed in the powder reservoir of the powder gun, or duster, and is blown over the foliage. The dust is so light, fine and uniform that it comes out in a cloud, and spreads over the plant much more rapidly than wet sprays can be applied. The foliage and fruit is covered with the protective dust very completely, and in about one-fifth of the usual time. The dust sticks just as well as a wet spray, and gives a much more even and thorough covering. In fact, dusting methods have proven far superior to wet methods, for control of many insects' injuries such as codling moth, etc., and the danger due to injury from "burning" has been practically eliminated.

**LEARN HOW TO MAKE CORONA MIXTURE A COMBINED INSECTICIDE AND FUNGICIDE** made by mixing equal parts by volume of "Corona Dry" and Corona Dusting Sulphur as shown in the booklet, "Garden Pests and Their Control."

**Breck's Scale Destroyer** dilutes instantly in cold water. It kills San Jose and Oyster Shell scale, Aphis Plant lice, and soft-bodied sucking insects by covering them with a thin waxy coating. Every scale hit by it is killed. It has no caustic



action, does not injure the operator or spraying outfit, possesses no disagreeable odor and is altogether one of the most satisfactory and effective Scale Killers produced. If your trees are badly infested with Scale, do not use anything else but this destroyer. For a fall, winter or spring spray, it is unexcelled. It does not cost any more to spray a good fluid than it does a poor one, and there is a world of difference in the result. 1-qt. can 35 cts., 1-gal. cans \$1.00, 5-gal. jacket cans \$3.75, 10-gal. jacket cans \$7.00, 25-gal. bbls. \$13.75, 50-gal. bbls. \$25.00.

**Aphis Punk, Nikoteen.** A special preparation of Nicotine for the extermination of Green and Black Fly, Thrip, etc., contains no ammonia and does not injure delicate plants. Per box of 1 dozen rolls (720 grains Nicotine) 60 cts.

**Aphine.** Most effective against all plant sucking insects infesting flowers, foliage, fruits and vegetables. Can be used as a spray, wash or dip. ¼ pt. cans 25 cts.; ½ pt. cans 40 cts.; 1 pt. cans 65 cts.; qts. \$1.00; gals. \$2.50.

**Creosote Mixture.** This mixture is sure death to the eggs of the Gypsy Moth, Tussock Moth and similar insects. Made on the formula used for years, and recommended by the Massachusetts Gypsy Moth Committee. 1 qt. 20 cts., 1 gal. 50 cts., 5-gal. cans 35 cts. gal., 50-gal. bbl. 20 cts. gal.

**He-bo (Sterlingworth).** A substitute for Hellebore which is satisfactory for use against Rose slugs, currant worms, cabbage worms and most other leaf eating insects, where a milder poison than paris green is desired. For many uses it is superior to Hellebore. ½ lbs. 15 cts., 1 lb. 25 cts.

**Dalmation Insect Powder.** (Sterlingworth). Ground from pure closed dalmation flowers. The purest, strongest, best grade obtainable. Invaluable to the housekeeper for use against flies, mosquitoes, fleas, roaches, bed bugs and most other noxious insects. Packages 15 cts. and 25 cts., in bulk, lbs. 80 cts.



### Breck's Victor Fly Driver



Safe to use, thoroughly effective and cheaper than any other first-class preparation for the purpose on the market. Put up in 1-gal. cans only. 1-gal. can 75 cts., per case of 1 dozen cans \$7.50.

**Bordeaux Mixture, Liquid, Acme Brand.** We consider this the best concentrated Bordeaux Mixture on the market. One gallon makes 50 gallons of Bordeaux by simply adding 49 gallons of water. It does not clog the nozzle and adheres to the leaves. Full directions on cans for use. 1 qt. cans 40c., 1-gal. cans \$1.25, 5-gal. cans \$4.50 each, 10-gal. \$8.00 each, 25-gal. \$17.00 each.

**Dip, Cooper's Sheep.** A world-famous preparation, in powder form. It is easily carried, quickly prepared and most effective. Large pkg. sufficient to make 100 gals. \$2.00, small pkg. to make 25 gals. 50 cts.

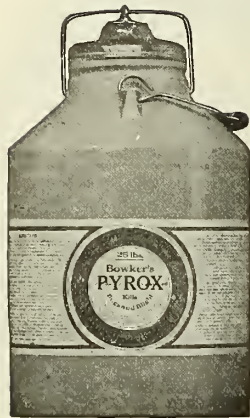
**Dip, McDougall's Sheep.** An effective, non-poisonous preparation for killing vermin on sheep, cattle and domestic animals. Per lb. 50 cts. ½ gal. \$1.50, 1 gal. \$2.50.

For free delivery offers and general instructions regarding orders and shipments see third page of cover



## INSECTICIDES AND FUNGICIDES—Contd.

Prices subject to Market Changes.



**Bowker's Pyrox.** The one best spray for all leaf-eating insects. Does all that Arsenate of Lead will do, besides protecting trees, shrubs, vegetables and plants against fungus diseases, one application answering both purposes saving labor and expense. "Sticks like paint" in spite of even heavy rains. Guaranteed under the National Insecticide Act. All ready to use by adding water. Lb. 25 cts., 5 lbs. \$1.00, 10 lbs. \$1.85, 25 lbs. \$4.50, 50 lbs. \$8.00, 100 lbs. \$15.00. Large quantities, price on application.

**Bowker's Concentrated Lime Sulphur** kills San Jose Scale, Oyster Shell bark lice, etc., and gives the tree a thorough "house-cleaning." It should be

applied any time after the leaves drop in autumn and before the buds start in spring. Needs only to be diluted with cold water and it is ready to apply. One gallon makes 10 gallons of spray. Guaranteed under the National Insecticide Act. 1 gal. 75 cts., 5 gal. can \$2.25, 10 gal. can \$3.50, 50 gal. bbl. \$8.00. Write for special prices on larger quantities, stating quantity required.

**Bowker's Arsenate of Lead (Disparene Brand).** It is easy to apply and won't injure the most tender foliage. Lb. 25 cts., 5 lbs. 90 cts., 10 lbs. \$1.60, 25 lbs. \$3.75, 50 lbs. \$6.50, 100 lbs. \$12.00.

**"Black Leaf 40."** A concentrated solution of Nicotine sulphate. Active ingredient, Nicotine 40%. For spraying fruit trees to destroy soft-bodied sucking insects. Each sucking insect must be "hit" by spray to be affected. Against Green and Rosy apple, Aphis, Pear psylla, Hop louse, etc., one fluid ounce "Black Leaf 40" to eight gallons water. Against Black Aphis, Woolly Aphis, one fluid ounce "Black Leaf 40" to 6 gallons water. Add soap as follows: One pound of good laundry or fish oil soap to each thirty gallons water, which lessens formation of drops and gives better penetration. Dissolve the soap in the water before adding "Black Leaf 40." Keep solution well stirred while spraying. Full directions for all uses attached to every can. 1/2-lb. cans 75 cts. each, 2-lb. cans \$2.50 each, 10 lb. cans \$10.75 each.

**Eciffo.** A sure cure and prevention of water-bugs, cockroaches, etc. Per tin 50 cts.

**Fungine.** An infallible remedy for mildew, rust, bench rot and other fungi affecting flowers and vegetable plants. 1/2 pts. 40 cts., pt. cans 65 cts., qt. cans \$1.00, gals. \$3.50.

**Grape Dust.** Destroys mildew on grape vines. Can also be used in the garden for mould, mildew or rust mites. 5-lb. pkg. 35 cts.

**In-a-Minute.** Best known killer of roaches, hen lice, ants in the house, and also bed bugs, etc. Non-explosive, non-staining, and non-poisonous. Bottle, 25 cts.

**Kerosene Emulsion, Acme Brand.** This is a concentrated article for successful use against scale and all soft-bodied sucking insects, such as *San Jose Scale*, *Plum Lecanium*, etc. Dilute 10 to 12 times

for plant lice and soft-bodied bugs. Use strong solution for scale insects. Pt. can 25 cts., qt. can 40 cts., gal. can \$1.00 5-gal. can \$4.00.

**Oriole Brand North Carolina Pine Tar.** Strictly pure old process North Carolina Tar in full measure cans; useful for protecting cut surfaces of pruned trees, also broken and bruised places in the bark of trees and shrubs. Per gal., 50 cts. (in gallon cans only).

**Bug Death.** A patented non-poisonous powder, effective against potato, squash, and cucumber bugs, currant and tomato worms also other plant and vine eating pests. If used according to directions injury cannot result to the most tender plants and it has a tendency to assist growth. Bug Death may be applied dry in a shaker or mixed with water and sprayed. Prices 1 lb. boxes, 20 cts., 3 lb. boxes, 45 cts., 5 lb. boxes, 60 cts., 12 1/2 lb. boxes, \$1.25, 100 lb. drums, \$8.00.



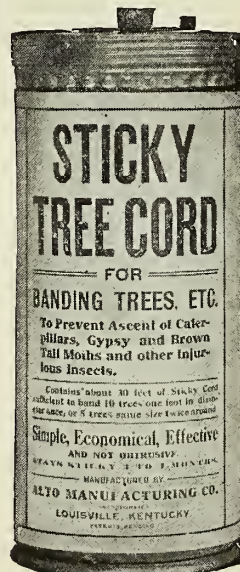
Reg. U. S. Pat. OFF.  
Pat. March 16 and Nov.  
9, 1897.

**Rogers Dry Lime Sulphur.** In Rogers Brand of Dry Lime Sulphur we find successfully combined lime and sulphur in a dry form and producing a compound which has all of the insecticidal and fungicidal qualities of the liquid material and all of its advantages with none of its disadvantages. Safe and effective not only as a dormant spray but also as a summer spray in combination with arsenate of lead. Rogers Dry Lime Sulphur has been tested by experiment stations and found to be infinitely superior to all of the present dry compounds on the market, not only in safety but in effectiveness.

From 10 to 12 pounds of Roger's Dry Powdered Lime Sulphur dissolved in 50 gallons of water should be used as a dormant spray against scale, etc.

From 2 to 3 pounds to 50 gallons of water in combination with the usual preparation of Dry Powdered Arsenate of Lead or Paste Arsenate of Lead should be used for summer spraying on all seed fruits such as apples, pears, quinces, etc.

From 1 to 1 1/2 pounds to 50 gallons of water in combination with the usual strength of Arsenate of Lead should be used for summer spraying of peaches, plums and all stone fruits. Prices: 5 lb. pkgs., \$1.00; 10 lb. pkgs., \$1.75; 25 lb. pkgs., \$3.75; 100 lb. drums, \$12.00.



**Sticky Tree Cord.** A soft cord about 3/8 of an inch in diameter, thoroughly saturated and coated with a black sticky material similar in character to that used on sticky fly paper.

It is supplied in tubes about 2 3/4 x 6 inches, and the cord is pulled out through a hole in the screw top, which has an attachment for clamping to facilitate cutting off the cord. It is applied to trees by tacking one end to the tree, then passing it around once or twice, tacking about every 18 inches and then cut off.

The cord will not run or drip appreciably and will remain sticky for three or four months according to climatic conditions. It has been endorsed by prominent Park and Cemetery Superintendents, Foresters and Horticulturists generally. Price 25 cts., per tube containing about 30 feet of cord. Weight about 1 1/2 pounds.



For free delivery offers and general instructions regarding orders and shipments see third page of cover



## INSECTICIDES AND FUNGICIDES—Contd.

**Lemon Oil.** An oil that is readily soluble in water. It destroys insects and parasites of all kinds without injury to plants. Much used for palms and other ornamental foliage plants. Pt. 50 cts., qt. 80 cts., gal. \$2.25.

**"Nico-Fume"** is especially effective against Aphids ("Green Fly" and "Black Fly") and against all insects affected by tobacco. "Nico-Fume" is packed in special friction-top tins and is sold as follows: 24 sheets 85 cts., 144 sheets \$4.00, 288 sheets \$7.50.

**"Nico-Fume" Liquid.**  $\frac{1}{4}$  lb. can 50 cts., 1 lb. can \$1.50, 4 lb. can \$5.50, 8 lb. can \$10.50.

**Nikoteen.** Packed in pint bottles; each bottle contains all the nicotine obtained from 200 pounds of tobacco stems. A cheap, clean and safe insecticide. Can be applied by fumigation, or applied locally, diluted as a spray. Pt. bottle \$1.50.

**HOW TO MEASURE THE HOUSE.** To ascertain how many cubic feet there are within any greenhouse, etc., multiply the length in feet by the breadth in feet, then by the average height; the result being the number of cubic feet.

**Paris Green, Guaranteed Pure.** This is the highest grade of Paris Green it is possible to make. It is manufactured from pure material and is always of uniform quality. Be careful of cheap greens and so-called new methods. These products are liable to burn and scorch the leaves.  $\frac{1}{4}$  lb. 15 cts.,  $\frac{1}{2}$  lb. 20 cts., 1 lb. 35 cts. Subject to market changes.



**Reade's Electric Worm and Ant Destroyer.** A most effective and quick acting liquid preparation, which will destroy earth worms, ants and other soil pests. Add a gallon to 120 gallons of water, mix well; apply carefully and thoroughly with an ordinary watering pot. All Golf green keepers should have a supply on hand. 1 gal. kegs \$4.00; 5 gal. kegs, \$3.50 per gal.

**Sterlingworth Cut Worm Killer** is a powder for sprinkling near the vegetation to be protected, and is so alluring to Cut Worms that they are irresistibly attracted to it. Dead Cut Worms may be seen wherever there are Cut Worms and this Killer is used. It is non-poisonous, and birds, fowl and pets that eat the dead Cut Worms are not killed. Do not use poison for killing Cut Worms. You may poison insect-eating birds. One pound protects 175 plants in hills, and 150 lineal feet when in rows. 1-lb. box 25 cts., 5-lb. tins \$1.00, 24-lb. drums \$4.00.

**Slug Shot.** Not only acts as an insect destroyer, but it will be found to be an excellent fertilizer. 1-lb. boxes 15 cts., 5-lb. pkg. 35 cts., 10-lb. pkg. 65 cts., in bbls. of about 225 lbs., per lb. 5 cts.

**Sterlingworth Anti-Crow Corn Oil** is a non-poisonous oil for protecting newly planted corn from crows and blackbirds. Do not kill the crows. They eat bugs. Corn treated with this Oil will run through a seeder. Different and better than tar. 1-pt. can 25 cts., 1-qt. can 40 cts., 1-gal. can \$1.25.



**Sterlingworth Plant Lice Killer.** Is a combination of Nicotine soap and oil for use against all small sucking insects, lice, etc., infesting house plants. Use one part to 15 parts water and sprinkle or spray. Price 25 cts. pint, gal. \$1.50.

**Sterlingworth Cent-i-side.** Is for sprinkling on ant hills or out of doors on the ground wherever ants appear. One pound covers about 200 square ft. 1 lb. box 25 cts., 5 lb. tins \$1.00, 25 lb. drums \$4.50 each.

**Soap Spray, Imperial.** Contains no mineral poisons, but does contain vegetable poisons, harmless to plants, but peculiarly effective against Red Spider on fruit, etc., Rose Pug, White, Black and Green Fly, Mealy Bug, Thrip, Aphids, and other insect pests on fruits, flowers and foliage. It sticks but can easily be washed off fruit before marketing. It does not spot leaves. Harmless to animals eating orchard grass. Largely used for general tree and shrub spraying against elm-leaf beetle, etc. Qt. 55 cts., gal. \$1.65, 5-gal. can \$6.50. Prices subject to change.

**Soap, Fish Oil Soap and Potash. Breck's Special.** For the destruction of San Jose scale and all sucking insects. Lb. 20 cts., 14-lb. bucket \$1.50. Special prices on kegs and casks.

**Soap, Sulpho-Tobacco (Patented).** A superior insecticide and fertilizer. Non-injurious to the tenderest growth. Kills all insect life in the window-garden. Unsurpassed for rose bushes. For domestic purposes it is valuable as an exterminator of Moths, Cockroaches, Carpet Bugs, and is a superior wash for dogs and all animals. Every insect will succumb to this insecticide. 3 oz. cake 10 cts., 8 oz. cake 20 cts.

**Sulphate of Copper (Blue Stone).** Lb. 20 cts. subject market changes.

**Sulphur, Flowers of.** Used to prevent and cure mildew on plants. Lb. 8 cts., 100 lbs. \$6.00. *Net.*

**Tree Tanglefoot.** A perfect safeguard for trees, vines and shrubs against Gypsy, Brown-tail and Tussock Moth, Canker Worm, Cut Worm, Ants, and other creeping insects. Do not heat it but apply it directly from the can. 1-lb. can 35 cts., 3-lb. can \$1.00, 10-lb. can \$3.00, 20-lb. can \$5.50.

**Tree Burlap.** 10 inches wide, for girdling trees. 5 cents per yard, 100 yards 4 cents yard.

**Tobacco Stems.** For fumigating. If used as a mulch around sweet peas and other plants they prevent the destructive work of the wire and cut worms. \$1.00 per 30-lb. sack, \$2.50 per bale, \$25.00 per ton. *Net.*

**Tobacco Dust.** Fine ground. Can be used for dusting on plants, animal and poultry houses, to destroy lice, vermin and other insects. Can also be used to fumigate against insects, lice, etc. Readily lighted and consumes itself without making a flame, throwing off great quantities of smoke. Lb., 10 cts., 100 lbs. \$4.50.

**Vaporite.** A fine, dry powder, most effective for killing ants, beetles, wire worms, cut worm and similar insects in the garden soil. To destroy ants one should dust the Vaporite over the ground near the largest ant hills and runs, then wet the insecticide down thoroughly with hose or watering pot, that it may be driven as far into the soil as possible. To use it most effectively against the cut worm, Vaporite should be thoroughly worked into the surface soil 5 or 6 days before planting time. 15 cts. lb., 5-lb. can 60 cts., 100 lbs. \$10.00.

**Vermine.** Destroys white grub, cut, eel and wire worms, slugs, maggots, root lice and ants. For greenhouses, gardens, lawns, tennis courts and golf-links.  $\frac{1}{4}$  pt. 25 cts.,  $\frac{1}{2}$  pt. cans 40 cts., pt. cans 65 cts., qt. cans \$1.00, gal. cans \$3.00.





**The Acre-an-Hour Sifter.** Is ideal for applying Bug Death Dry. Easy to operate and gives a quick covering to all plants and vines requiring a top application. Price, 75 cts. each. *Net.*

**Dickey's Bug Death Shaker.** The best thing in the way yet offered. Every person who has a garden will want one. Price, 25 cts. *Net.*

**Powder Bulb, Scollay's Insect.** This is a large, strong rubber bulb, with long metal neck and distributor set at an angle that enables the operator to apply either powder or liquid over or under the leaves. \$1.25 each.

### Fine Ground Limestone

Fine ground Carbonate of Lime. Always safe to use and its application is never followed by the temporary ill effects, especially on light soils, when the same amount of lime in caustic or slaked form is employed. Highly recommended by eastern Experiment Stations. Always lime before seeding to Alfalfa or mixtures which include Clover. Remember that Ground Limestone does not take the place of Commercial fertilizer, but to correct sour or acid soils. Shipped in 100-lb. bags, per 100-lbs. 75 cts., per ton, \$8.75. \$8.25 ton F. O. B. Boston. Special prices, including delivery, on car load lots.

## R-R LAND LIME

R-R Land Lime is specially prepared for use on the soil, and is an unusually pure calcium lime, being made from a lime-stone which analyzes from 93 to 97 per cent. calcium carbonate ( $\text{Ca C O}_3$ ), with less than 2 per cent. magnesian carbonate ( $\text{Mg C O}_3$ ). It is a combination of calcium hydrate and calcium carbonate, made in accordance with the recommendations of the various Agricultural Experiment Stations. It is shipped in the form of a fine white powder in 100-pound cloth bags. This form is most convenient, as it is ready for immediate distribution on receipt or will keep indefinitely when stored in a dry place; size and shape of package admit easy handling; loss of time and labor necessary to slake and sift ordinary lump lime is obviated, and the fineness removes all danger of breaking machinery of a spreader. 100-lb. bags \$1.00, per ton \$12.00. Price on application for car lots.

The Acre-an-Hour Sifter

### FERTILIZERS

#### Breck's Special Lawn and Garden Dressing

The verdict of all who have used Breck's Lawn and Garden Dressing is that it is the most complete and satisfactory Lawn Dressing ever placed upon the market. It is manufactured expressly for us and we vouch for its containing all the constituents required to produce a luxuriant growth. We believe beyond a question that ours is the only absolutely odorless Lawn Dressing. It is also so clean that the most fastidious person can apply it without offending the organs of sight and smell. It being quick in action, the effect can be seen immediately after the first rain or the sprinkling of the hose, and going directly to the roots of the grass, stimulates them to greater activity, thereby thickening the sward and producing a firmer growth, which remains rich, green and velvety throughout the season. Its superiority over stable manure can scarcely be estimated, as the latter, in addition to disfiguring the lawn by its unsightly appearance, also gives out an unpleasant odor, and always contains weeds and other undesirable seeds. Great care should be taken to distribute the dressing evenly, and in no greater quantities than recommended on the tag which accompanies each bag, as a too liberal application will injure the sward. It can be applied at any time during the year, from April to November, as often as the grass seems to need nourishment. Never apply the dressing while the grass is wet with dew or rain. Any time the grass is perfectly dry will answer, but the best time to apply it is just before a shower. It is equally as suitable for flower beds and all vegetable crops as for the lawn.

#### FOR LAWNS

Trial bag for 1,000 square feet	. . .	\$0.50
" 2,500 "	. . .	1.00
50-lb. bags for 5,000 "	. . .	1.75
100 lb. " 1/4 acre	. . .	3.00

#### Bon Arbor Ant Destroyer

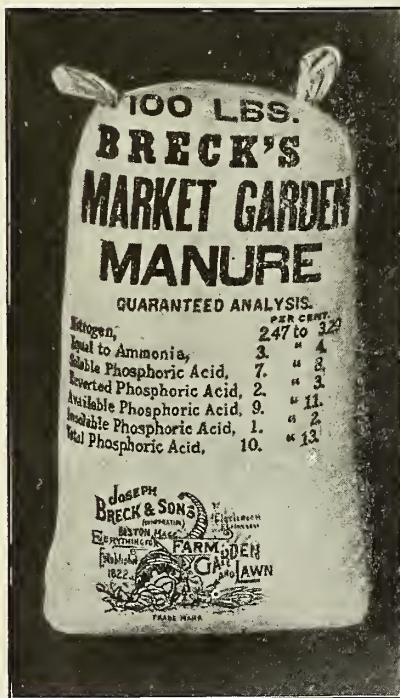
A most effective preparation for destroying and driving away ants infesting lawns, tennis courts and golf courses. Usually about 3 days is required

to get rid of the ants and about three applications are necessary. Follow directions on package carefully. Price per lb. 50 cts. 5 lb. cans \$2.25, 10 lb. cans \$4.00, 25 lb. box \$9.00. Price subject to change.

#### Breck's Special Market Garden Manure without Potash

A high grade properly balanced, complete fertilizer. Can be used either with or without barnyard manure, and for general use on all farm and garden crops. Especially recommended for market gardeners. \$1.10 for 50-lb. bag. \$2.00 per 100-lb. bag. \$37.00 per ton, all F. O. B. Boston.

For free delivery offers and general instructions regarding orders and shipments see third page of cover.







### Breck's Ram's Head Brand Pulverized Sheep Manure—(Odorless)

A standard dressing for lawns and around private homes or cemeteries; on golf courses and wherever a strong, luxuriant growth of grass is needed. No time is lost waiting for Pulverized Sheep Manure to rot, as is the case with stable or Barnyard Manure, and no necessity for raking off refuse after an application of Breck's Ram's Head Brand, or danger of tracking into the house, or making the lawn unsightly or evil smelling.

Apply Ram's Head Brand two or three times during the season before rain or watering at the rate of one pound or over to 30 square feet or less. This will keep the lawn or golf course in flourishing condition.

Ram's Head Brand is pure and unadulterated. We get it from Sheep Corrals where the animals have been kept under cover, hence it retains its full strength, and besides has been put through a mechanical drying and grinding process which destroys absolutely all weed seeds, rendering Ram's Head Brand very valuable for the florist to be used as a bench fertilizer.

We are selling increased quantities of our brand to the Florist for this purpose and we can highly recommend it.

Price per ton, \$38.00; 100-lb. bags, \$2.25; 50-lb. bags, \$1.25; 5-lb. pkgs., 30c; 1-lb. pkgs., 10c; f. o. b. Boston.

### Scotch Soot

This is much used by florists and gardeners, both as a fertilizer and fungicide. Mixed with Flowers of Sulphur (two-thirds soot, one-third sulphur) there is nothing better to prevent and cure mildew. Used as a fertilizer either in the dry state or in liquid, it quickly promotes growth. Per bag of about 2½ bu., \$3.00.

### Canada Hardwood Ashes

A most valuable fertilizer. The very best we can produce in Canada. Quote special prices, carload lots in bulk delivered anywhere, price per ton in sacks, f. o. b. Boston, \$24.00 ton net; per sack of 100 lbs., \$1.50.

### Fine Ground Fertilizer Bone

We have a high grade of this valuable fertilizer prepared especially for us. It is useful for all crops, but especially for grass lands and Fruit Trees. Per 50-lb. bags, \$1.25; 100 lbs., \$2.25; per ton, \$40.00. Net f. o. b. Boston.

### Inch or Grape Bone

This is unmanipulated bone, broken into pieces that vary in size from one-quarter to an inch. It is unsurpassed as a lasting fertilizer for grape vines, fruit trees, shrubs and trees of all kinds. It should be used liberally in grape vine borders and when setting out vines and fruit trees. Mix with soil to a depth of one foot or more. Price \$2.75 per 100 lbs.; \$45.00 per ton, f. o. b. Boston.

## Agricultural Chemicals

	Per ton	Per 100-lb. bag
Nitrate of Soda, 18.23% ammo.....	\$89.00	\$4.75
Sulphate of Ammonia, 24.50% ammo....	116.00	6.00
Ground Tankage, 6% ammo., 30% bone phos. ....	45.00	2.75
Ground Tankage, 9% ammo., 20% bone phos. ....	61.00	3.25
Blood Tankage, 12% ammo.....	72.00	4.00
High Grade Dried Blood, 16% ammo....	94.00	5.00
Ground Untreated Phosphate Rock, 31.12% total phos. acid, 68% bone phos. ....	15.00	1.00
Basic Lime Phosphate, 13% av. phos. acid, 30% lime.....	21.00	1.25
Fine Ground Nova Scotia Land Plaster. 200-lb. bags, \$1.40 per bag; \$12.50 per ton. 100-lb. bags, 75c per bag; \$13.00 per ton.		

All f. o. b. Boston, prices subject to change.

## Soil, Peat, Leaf Mould, Etc.

**Prepared Potting Soil.** Specially prepared with peat, leaf mould, loam, sand and fertilizer. Pkg. 30c; bu., \$1.00; per 3-bu. sack, \$2.00.

**Peat, Rotted Fibrous.** Fine, light and sweet. For some varieties of plants this is invaluable. Pkg., 30c; bu., \$1.00; per 3-bu. sack, \$2.00.

**Leaf Mould.** Vegetable humus, a desirable addition to all soils used for potting. Pkg., 30c; bu., \$1.00; 3-bu. sack, \$2.00.

**Silver Sand.** For rooting cuttings and mixing with potting soil. Pkg., 50c; bu., \$1.50 net.

**Fern Root or Orchid Peat.** Bu., \$1.50; per 3-bu. sack, \$3.00.

**Sphagnum Moss.** Per bag of 2 bu., \$1.00; per bale, \$5.00 net.

## Alphano Inoculant

Every can of Alphano Inoculant is guaranteed to contain an abundance of each and all of the legume Bacteria, together with the independent Nitrogen fixing Bacteria and a complete beneficial soil flora.

Alphano Inoculant is made by a new process and will thoroughly inoculate any legume.

List of 28 legumes that can be inoculated with Alphano Inoculant:

Alfalfa	Mammoth Clover
Red Clover	Crimson Clover
Sweet Clover	White Clover
Perennial Peas	Burr Clover
Sweet Peas	Yellow Clover
Cow Peas	Berseem Clover
Soy Beans	Canada Field Peas
Garden Peas	Velvet Beans
Garden Beans	Sword Beans
Lima Beans	Lespedeza Clover
Peanuts	Lupins
Alsike Clover	Vetch
Lentils	Serradella
Sainfoin	Navy Beans

Price for the one-acre size can, \$1.00—net weight when packed, 2 lbs.





1916 Crop. Breck's Improved Leaming Corn on Farm of Eliot Hubbard, Esq., Millis, Mass. Jas. A. Payson, Supt. Mapes Corn Manure Used

## THE MAPES MANURES

Mapes Brands contain the highest grades of material and the most soluble and valuable plant foods known.

	Per Ton	100 lbs.		Per Ton	100 lbs.
<b>Potato Manure (1916 Brand)</b>	<b>\$48.00</b>	<b>\$2.50</b>	<b>Corn Manure (1916 Brand)</b>	<b>\$42.00</b>	<b>\$2.20</b>
Ammonia 4.50 to 5%; Phosphoric Acid 8 to 10% (available, 8%); Soluble Potash, actual, 1%.			Ammonia 3 to 3.50%; Phosphoric Acid 10 to 12% (available 8 to 10%); Soluble Potash, actual 1%.		
For Irish and Sweet Potatoes, also for Asparagus, Early Vegetables, Tomatoes, Sugar Beets, Fruits, Sorghum, Sugar Cane, Sweet Corn, etc.			Also for Sweet Corn, Fodder Corn, Hungarian Grass, Millet, Late Turnips, Late Cabbage and seedling to grass.		
Directions for Use—May be used in the hills or rows, mixing and covering with earth, provided it is scattered well. Scatter it down the rows, mix as thoroughly as possible in any manner which best commends itself, with plow, hoe, brush, sled, chain, etc. Use 800 pounds and upward per acre on ordinary land.			Directions for Use—On heavy or average good land, particularly when stable manure is used broadcast, use 200 to 400 lbs. per acre, scattering well in and over hills and drills, on light lands use broadcast, 600 lbs. per acre; on very light or plain lands, use broadcast 800 lbs. per acre.		
The quantity of this manure may be increased to one ton per acre, and this quantity is successfully used by many growers, particularly when potato crop is followed by wheat, grass, corn, etc.			<b>Mapes 1917 Special</b>	<b>40.00</b>	<b>2.10</b>
<b>Top Dresser Full Strength (1916 Brand)</b>	<b>70.00</b>	<b>3.75</b>	Ammonia 4%; Phosphoric Acid 10%; Available Phosphoric Acid 8%.		
Ammonia 12%; Phosphoric Acid 8%; Soluble Potash, actual 1%.			For use in Potato growing, Truck and all farm crops, on land where potash is adequate for present needs.		
Making new lawns, flower and vegetable gardens, scatter broadcast evenly after plowing or spading, so that the harrowing or raking will work it in. Use 500 to 1,000 lbs. per acre, or at the rate of 25 lbs. for 1,000 to 2,000 square feet.			Directions for Use—May be used in the hills or rows, mixing and covering with earth, provided it is scattered well. Scatter it down the rows; mix as thoroughly as possible in any manner which best commends itself—with plow, hoe, brush, sled, chain, etc. Use 800 lbs. and upwards per acre on ordinary land.		
Shrubby, trees, vines, etc., scatter small quantity around as far as the roots extend and when practicable work in with rake or hoe.			The quantity of this manure may be increased to one ton per acre, particularly when potato crop is followed by wheat, grass, corn, etc.		
<b>Top Dresser Half Strength (1916 Brand)</b>	<b>48.00</b>	<b>2.60</b>	<b>Five Per Cent Ammonia Special</b>	<b>44.00</b>	<b>2.30</b>
This is the Top Dresser Full Strength, reduced to half strength by admixture with equal weight of plaster.			Ammonia 5%; Phosphoric Acid 10%; Available Phosphoric Acid 8%.		
Ammonia 6%; Phosphoric Acid 4%; Soluble Potash, actual 1-2%.			For Tobacco Growing. Can be used in Potato Growing, Truck and all farm crops, on lands where potash is adequate for present needs.		
Making new lawns, flower and vegetable gardens, scatter broadcast evenly after plowing or spading so that the harrowing or raking will work it in. Use 1,000 to 2,000 lbs. per acre, or at the rate of 50 lbs. for 1,000 or 2,000 square feet.			Directions for Use—May be scattered in the hills or rows, mixing and covering with earth, provided it is scattered well. Scatter it down the rows; mix as thoroughly as possible in any manner which best commends itself—with plow, hoe, brush, sled, chain, etc. Use 800 lbs. and upward per acre on ordinary land.		
Shrubby, trees, vines, etc., scatter small quantity around as far as roots extend, and when practicable work in with rake or hoe.			<b>All 100 lb. bags. F. O. B. Boston.</b>		

Prices subject to change without notice.

Delivered Prices quoted on car load lots of 15 tons.





A Bradley Crop Grown in Maine

## Back Up Breck's Seeds WITH Bradley's Fertilizers

**G**OOD SEED ought to be backed up with good fertilizer. It is using good farm sense to do a good job with plow and harrow and then get the full benefit of it by planting selected seed and complete available fertilizers. **BRADLEY'S** have been

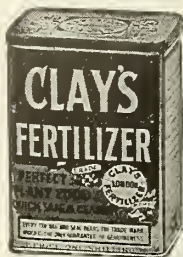
**For Over 50 Years  
The Standard**

### PRICES FOR BRADLEY'S 1917 BRANDS FERTILIZERS

	Ammo.	Av. Phos.	Per Ton	100 lb. Bag
Bradley's Grass Top Dressing without potash . . . . .	6	8	\$47.00	\$2.50
Bradley's Special Corn Phosphate without potash . . . . .	2	10	30.00	1.65
Bradley's Grain Fertilizer without potash . . . . .	1	10	25.00	1.50
Bradley's Special Potato Fertilizer without potash . . . . .	2	10	30.00	1.65
Bradley's Special XL Phosphate without potash . . . . .	3	10	34.00	1.85
Bradley's Maine Potato Special . . . . .	5	10	42.00	2.25
Bradley's High Grade Top Dressing without potash . . . . .	8	8	56.00	3 00

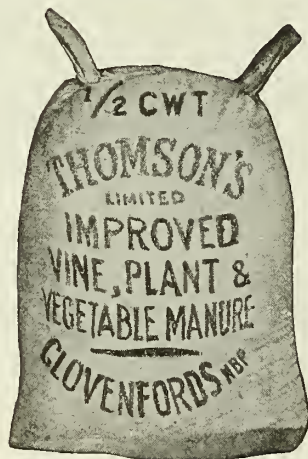
Prices Net, f. o. b. Boston



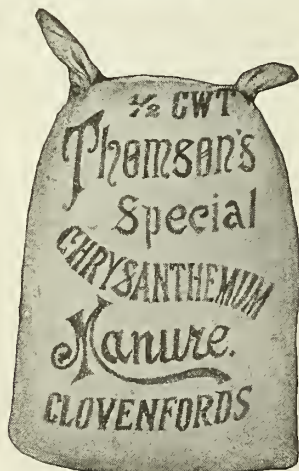
**Clay's Fertilizer**

A safe and reliable preparation. In great favor with successful gardeners in England. Prices:

2 lb. cans . . . . .	\$0.40
¼ cwt. (14 lbs.) . . . . .	1.50
½ cwt. (28 lbs.) . . . . .	2.25
¾ cwt. (56 lbs.) . . . . .	4.50
1 cwt. (112 lbs.) . . . . .	7.50

**Thomson's Vine, Plant and Vegetable Manure**

A safe and reliable food and stimulant for every fruit-bearing plant, also for foliage and flowering plants and vegetables of all descriptions. Prices: ¼ cwt. (14 lbs.) \$1.50; ½ cwt. (28 lbs.) \$2.50; ¾ cwt. (56 lbs.) \$4.50; 1 cwt. (112 lbs.) \$7.50.

**Thomson's Special Chrysanthemum Manure**

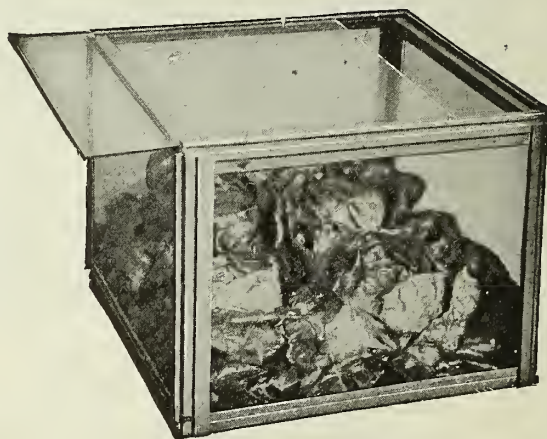
Entirely soluble and very powerful, especially suitable for top-dressing chrysanthemums and similar plants. It is meant to be used as an additional stimulant during the growing season. A heaping dessert-spoon full will be sufficient for a 10-inch pot, sprinkled over the surface of the soil, and watered in with tepid water. This may be given three times during the growing season. Price, 14 lbs. \$2.50; 28 lbs. \$4.50; 56 lbs. \$7.50.

**Bowker's Ammoniated Food for Flowers**

A dressing made expressly for plants grown in the house, garden, or conservatory. Clean, odorless, and producing early and abundant blossoms of rich and brilliant color and healthy, luxuriant plants free from vermin. Price, small pkg. 15 cts.; large pkg. 25 cts.

**Cocoanut Fibre**

A chemically prepared cocoanut fibre, rich in plant food. Its peculiar character especially adapts it to induce root growth and cause healthy, vigorous plants. For potting bulbs use one-third fibre to two-thirds of the usual soil preparation and you will be surprised at the results. Cocoanut Fibre is unsurpassed as a medium in which to sprout seeds. Price, 5 lbs. 30 cts.; 15 lbs. 50 cts.; 25 lbs. 75 cts.; 50 lbs. \$1.00; 100 lbs. \$1.50, net.

**The Barrie Forcing Frame****The Barrie Forcing Frame**

Under these frames corn, cabbage, cauliflower, lettuce, cucumbers, tomatoes, melons, egg plant, etc., as well as all tender flowers, can be started and grown in the open ground and brought to maturity much earlier than usual.

The frames placed over rhubarb or other permanent plants, either vegetables or flowers, greatly hasten their maturity in the spring.

Lettuce, etc., can be grown under or protected by the frames through the late fall.

Excellent for the starting of tender flower and vegetable seeds for transplanting into the open ground.

The frames also protect their contents from the ravages of the cut worm.

Placed over bulbs in the spring time, in the small garden, blooms of greater perfection may be had much earlier than usual.

The frames are constructed of tinned iron, thoroughly protected from rust by a special painting process, and can be instantly set up or taken apart without the use of tools.

Any light of glass can be easily replaced, in case of breakage, without taking apart the frame, and the top glass slides open for ventilation.

The metal frame weighs two pounds without the glass and is absolutely strong and rigid. The glass consists of four panes 10 x 12 inches, and one pane 12 x 13 inches, standard sizes, easily obtainable anywhere.

To assemble, fit the corners of the top and bottom squares into the slits in the ends of the posts. Pass the stay rods, bent end up, through the holes in the squares, inside the posts. Attach nuts and tighten slightly. Slip in the glass and the frame is complete.

Carefully packed, knocked down, in heavy corrugated cartons, each containing six frames and glass complete.

Price, \$1.50 each; \$17.00 a dozen.

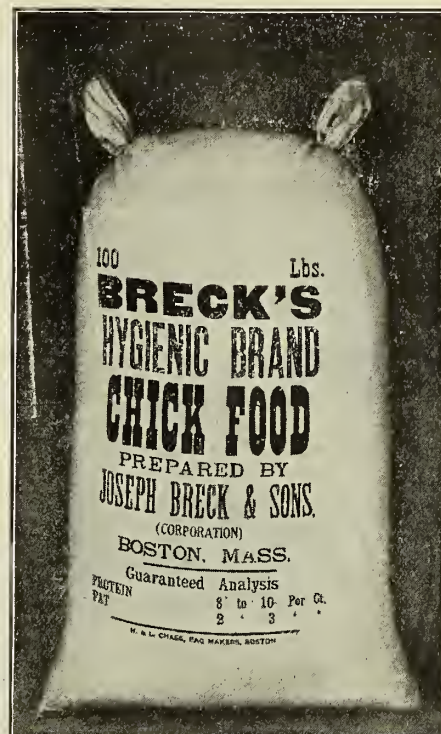




## BRECK'S POULTRY SUPPLIES

## POULTRY REMEDIES STOCK FEED

Boston Agents  
**BLATCHFORD'S  
CALF MEAL**  
ALWAYS IN STOCK



### Breck's Hygienic Brand Chick Food

*A scientifically proportioned mixture which will meet every demand of the growing chick, and supply without excess of fat, the food necessary to produce and sustain vigorous health.* There is nothing in this preparation that is at all likely to induce indigestion or diarrhoea, but on the contrary, it is so balanced in its constituents as to in a large measure make these troubles impossible where cleanliness and proper brooding conditions exist. It also contains the bone-forming properties that prevent leg weakness. It is high in protein, the flesh and muscle-forming elements. There is sufficient mineral material to supply the needs of the bone structure of the rapidly growing chicks, while it is low in carbohydrate, the fat-forming element, which, where in excess, causes sickness and loss.

*No other feed is necessary for the first eight or ten weeks. Feed dry.* 50 lb. bags, \$1.75. 100 lb. bag, \$3.00.

### Breck's Complete Poultry Feed

We have frequently been asked by many of our patrons to put up in a convenient form a complete Poultry Feed. In response to the above requests, after a great many experiments, we offer in *Breck's Complete Poultry Feed* what we believe is the best food for poultry that is on the market today.

Great care has been exercised in the selection and balancing of the materials of which it is composed. It is being used in large quantities by many of the most successful Poultry Raisers in New England, and is without doubt the best Food of the kind sold at the present time. *Feed dry.* 50 lb. bags, \$1.75, 100 lb. bags, \$3.00.

### Breck's Mash Egg Food

Is a properly balanced meat and cereal preparation, and is one of the best egg-producing foods we know of for poultry that do not have large runs; it is just what is wanted to keep them in good vigorous condition. Can be fed wet or dry. Price, 100 lb. bags, \$2.75.

### Breck's Alfalfa Meal

Our brand of best pea green California Alfalfa, grown on irrigated land, rich in protein; one of the best green feeds during the winter for poultry.

**DIRECTIONS FOR FEEDING:** Pour on boiling hot water, cover, let steam an hour, then mix with the usual morning mash at the rate of one-third clover to two-thirds the regular ground grains. Shipped in 100 lb. bags only. Price, \$2.00 per 100 lbs. or \$36.00 per ton.

### Breck's Banner Brand Cut Clover

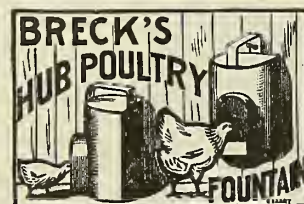
Made from the best New York grown Red Clover, ground medium fine, all from Red Clover hay.

**DIRECTIONS FOR FEEDING:** Pour on boiling water, cover, let steam an hour, then mix with the usual morning mash at the rate of one-third clover to two-thirds the regular ground grains. Per 50-lb. bag, \$1.00. *Net.* Special prices on larger quantities quoted upon application.

**Breck's Poultry and Swine Meal.** A concentrated powder, a palatable animal meal for poultry and swine. Full directions for feeding with each package. Price per 100 lbs., \$2.25; 50 lbs., \$1.50; 25 lbs. (month's supply for 30 hens), \$1.00.

### Breck's Hub Poultry

**Fountain.** This fountain is made of the best galvanized iron, is very strong, easily cleaned, quickly filled, and is equally serviceable for both chickens and adult fowls. (See cut.)  $\frac{1}{2}$  gal., 50 cents each; 1 gal., 75 cents each; 2 gals., \$1.00 each. Special prices per dozen or 100 upon application.



**Blatchford's Calf Meal.** The perfect milk substitute. Will raise and veal calves at one-third to one-quarter the expense of feeding milk. Used and endorsed by Experiment Stations and farmers all over the world; has been on the market for 100 years. A valuable feed for pigs, colts, lambs and poultry. It is absolutely the only milk substitute that contains the elements necessary for bodily growth and correct preparations. Blatchford's Calf Meal is not a stock food; it contains no drugs, medicine or stimulants; it is purely and simply a baby food for young animals. A 100 lb. bag makes 100 gallons of rich, nutritious gruel, thoroughly cooked and prepared for digestion. Price per 100 lbs. \$3.50, 50 lbs. \$2.00, 25 lbs. \$1.00, f.o.b. Boston.



**Pratt's Poultry Regulator**

(Formerly called Pratt's Poultry Food)



This is the original Poultry Regulator, in use by the most successful poultry raisers everywhere. It is entirely different from Pratt's Animal Regulator. It is composed of valuable imported roots, herbs and barks so blended as to make a perfect regulator, tonic and stimulant, suited to the constitution of the poultry.

Pratt's Poultry Regulator overcomes the difficulties met by every poultryman by regulating the blood, bowels and digestive organs of all fowl. Thus it keeps the birds in robust health, produces good, rich blood, healthy fat, sturdy muscles, strong bones, red combs and wattles, brilliant feathers and fertile eggs. It stands unrivalled as an egg-producer, and when regularly used, the hens lay throughout the year.

Pratt's Poultry Regulator costs but a few cents a week for a big flock, and it pays its cost many times over in the results it produces. Results are immediate and permanent. Trial pkg. 10 cts., 26-oz. pkg. 25 cts., 5-lb. pkg. 60 cts., 12-lb. pails \$1.25, 25-lb. pails \$2.50, 50-lb. bag \$5.00, 100-lb. bag \$9.00.

**Pratt's Baby Chick Food**

This is one of the greatest money savers and greatest chick savers ever placed on the market. Every man, woman or child who raises little chicks, turkeys, ducks and geese should try at least one package of Pratt's Baby Chick Food. It is a scientific food ration to be fed for the first three weeks. If you want real success with your hatches, if you want to save all the baby chicks, if you want to grow them fast, get Pratt's Baby Chick Food on our recommendation for your first trial, after that you will never be without it. 3-lb. pkg., 25 cts.; 6½ lb. pkg., 50 cts.; 25-lb. bags, \$1.50. Pratt's Poultry Book mailed on request.



**Pratt's Roup Cure** is a scientific preparation compounded into a fine powder, and when mixed with water, is absorbed by the blood at once, purifying the system, allaying inflammation, and reducing the fever. It not only cures but prevents roup, colds, canker, catarrh and diphtheria, and should be given to all fowls frequently to keep diseases away. Extra large boxes 50 cts. and \$1.00, small size 25 cts.

**Pratt's White Diarrhoea Remedy.** This remedy will positively save many dollars worth of little chicks to poultry raisers. It has taken us nearly three years to find a remedy for White Diarrhoea and we are so sure that we have it in this article that we authorize our dealers throughout the world to refund the purchase price in case it fails. Small pkg. 25 cts., extra large pkg. 50 cts. Postpaid.



**Pratt's Roup Pills.** Quick, safe, sure; for roup, canker, and diphtheria. 1½-oz. pkg. 25 cts., 3½-oz. pkg. 50 cts. Postpaid.

**Pratt's Animal Regulator.** The original stock regulator of America. Keeps horses well, improves their wind and makes their coats glossy. Cows give more and richer milk, butter fat being increased, and calves are strong and healthy. Steers fatten in half the time; hogs and sheep fatten quickly, free from disease. In 25 cts., 50 cts. and \$1.00 pkgs. 25 lbs. \$3.50.

**Pratt's Poultry Disinfectant.** Will protect your birds from nearly all the serious germ diseases. It gets rid of lice and mites, prevents roup, cholera, gapes, scaly leg and a host of other trouble makers.

Wonderfully effective in ridding cattle, horses, hogs, sheep and dogs of parasites and disease bacteria. 1 qt. 35c.; ½ gal., 60c.; 1 gal. \$1.00.

**Sanitary Poultry Fountains.**

Made of glazed stoneware, in two pieces, a saucer and an inverted cup, finished off on top to prevent roosting. Strong, cheap, easily cleaned and quickly filled. The best stoneware fountain yet offered. The one-quart size is specially suitable for pigeons. 1 qt. 25 cts., 2 qts. 30 cts., 1 gal. 35 cts., 2 gals. 50 cts. *Net.* Packing charges extra.



**Ground Oyster Shells.** 100-lb. bag 75 cts.; 500-lb. lots, 65 cts. per 100 lbs.

**Mica Crystal Grit.** 50-lb. bag 50 cts., 100 lbs. 80 cts.

**Bone Meal for Poultry and Cattle.** 50-lb. bag, \$1.25 100-lb. bag \$2.50.

**Flour of Bone.** Bbls. about 200 lbs. only; \$2.50 per 100 lbs.

**Cracked Poultry Bone.** Per bbl. of about 200 lbs., \$2.50 per 100 lbs.

**Poultry Charcoal**

**This Charcoal** is especially prepared for poultry. It is carefully and uniformly graded in just the right sizes, is free from ammonia or other dangerous poisons, contains no useless dust or dirt and is the best charcoal sold for poultry. It is manufactured in four grades: X (Fine Powdered) for mash foods and ducks; XX (Fine Granulated) for brooder chicks and dry chick food mixtures; XXX (Medium Granulated) for half-grown fowls and pigeons; XXXX (Coarse Granulated) for full-grown fowls, geese and turkeys. Per lb. 10 cts., 5 lbs. 25 cts., bag of 50 lbs. \$1.00.

**Spratt's Food.** The celebrated English preparation; nothing equals it for young chicks. 50-lb. bag \$3.25, 100 lbs. \$6.00.

**Barley (Feeding).** \$1.75 per bushel. *Net.*

**Buckwheat (Feeding).** \$1.50 per bushel. *Net.*

**Peas.** Small white Canada, \$3.50 per bushel. *Net.*

**Sunflower.** Large Russian, 8 cts. per lb.

**Millet.** Good feeding quality, 4 cts. per lb. *Net.*

**Kaffir Corn, or White Sorghum.** 100-lb. bag \$2.50. *Net.*

**Wheat.** \$3.50 per 100 lbs. *Net.*

**Ground Beef Scraps.** Always freshly ground from the best kettle rendered cake scrap. 50-lb. bag \$1.50, 100-lb. bag \$2.75, ton \$52.00.

**Fish Scraps.** Dry, fine ground, 100-lb. bags; \$3.00 per 100 lbs., ton \$55.00.

**Darling's Meat Crisps.** Made from meat trimmings taken from the markets of Chicago and cooked the same night. After being cooked in a most careful and thorough manner the feed is pressed in tremendous presses to take out every possible bit of grease and moisture. Guaranteed to contain 75 per cent protein. A concentrated feed for laying hens. Small package 25 cts., large package 50 cts., 25-lb. pails \$1.75. *Net.*

**Conkey's Roup Cure.** One 50-cent pkg. makes 25 gallons of medicine. Directions with every package. Small size 25 cts., medium 50 cts., large size \$1.00.

**Death to Lice.** 5 oz. box, 10 cts., if by mail 15 cts.; 15 oz. box 25 cts., if by mail 40 cts.; 3 lb. pkg. 50 cts., by mail \$1.00 100 oz. pkg. \$1.00.

**Liquid Lice Killer, Acme Brand.** It is applied with an ordinary sprayer. It is of such strength that the gas given off by it destroys the pests; is perfectly safe to handle and is not injurious to fowls, animals or operator when used as directed. Price, 1 qt. cans 35 cts., 2 qt. 60 cts., 4 qt. \$1.00.

**COW'S RELIEF**

**Is guaranteed to cure Caked Bag** caused by garget, injury, overfeeding or calving; sore or injured Teats, Spider in the Teat, Stricture, Hard Milkers, Cow Pox and is especially valuable for heifers with the first calf, to remove the soreness and swelling that is too frequently a cause of kickers and hard milkers. Your money back if it does not satisfy you. Small pkg. 50 cts., large \$1.00.

**Garget Remedy.** This remedy has stood test of twenty years and is a complete success. It will not injure the butter or lessen flow of milk. Per can 50 cts.



**Nest Eggs, China.** Per doz., 25 cts. *Net.*

**Nest Eggs, Knox Medicated.** Medium size, strong and clean; will help keep poultry free from vermin. Each, 5 cts.; per doz., 50 cts.

**Breck's Water Glass.** Silicate soda, for the preservation of fresh eggs. Of the various methods devised for preserving fresh eggs only two have proved successful, viz.: Cold Storage with temperature at 34° or the Water Glass Method, the latter being the only practical one for family use. Water Glass is recommended by the U. S. Dept. of Agriculture as being the best preservative having no chemical action whatever. It simply seals the pores of the shell, keeping the contents of the egg in same condition as when put into the solution. If directions are followed, fresh eggs will keep perfectly for a year or longer. Full directions on every can. Price per gallon 50 cts.

**Kow-Kure.** It is a medicine for cows only. It prevents abortion, cures barrenness, removes retained afterbirth, prevents tuberculosis, stops scours, cures milk fever, caked udder, swelling in the bag, bloating, red water, increases the flow of milk, cures cows "off their feed," improves the quality of the milk. Large size, \$1.00; small size, 50 cts.

**Sulpho-Naphthol.** This preparation, originated by the late Doctor Cabot, is recommended for a great many purposes. It cleans and heals all sorts of cuts, bruises and sores. It is sure death to all kinds of bacteria and insects, and is unsurpassed as a disinfectant. For domestic animals, poultry and poultry houses it is the thing. Trial size 10 cts. 25c. bottle makes 5 gals.; 50c. bottle makes 10 gals.; \$1.00 bottle, 50 gals. solution; 1 gal. can, \$3.00.

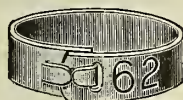
**Leg Bands.** THE FAMOUS PHOENIX, secure, neat, light and superior to all others. Numbered to order. Per doz., 25 cts.; per 100, \$1.50.



**Spiral Celluloid Leg Bands.** Best and cheapest to use. Last a lifetime. Put on and take off easily. Slip on just like a key ring. Will not come off. Birds cannot lose or remove them.

Colors: Black, Blue, Green, Pink, Red, White, Yellow. Per doz., 15 cts.; per 100, 75 cts. Special price on large quantity.

**Leg Bands, Aluminum, for Poultry.** *Double Clinch.* No. 1 for Bantams, No. 2 for Mediterraneans, No. 3 for American females; No. 4 for American males, Asiatic females, small turkeys; No. 5 for Asiatic males and turkeys. We number them to order. Per doz., 15 cts.; per 100, 65 cts. Postpaid. Numbering, extra 10 cts. per 100.

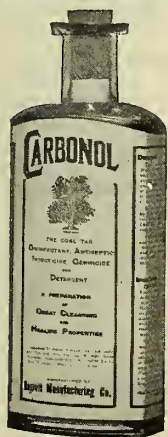


Double Clinch, Aluminum



Leader Adjustable

**Leader Adjustable Leg Bands.** Latest and best adjustable leg band out. Has neat, compact and smooth fastening with no catching points; easily attached and are absolutely secure. Made in two sizes: No. 1 for Bantams or Mediterraneans, No. 2 for Americans. Per doz., 15 cts.; per 100, 65 cts. Postpaid. Numbering, extra 10 cts. per 100.



**Nests, Wire.** Strong and clean. Each, 20 cts.; doz., \$2.00.

**Guns, Insect Powder.** 2-oz. size, 15 cts. each.

**Carbonol.** Combines all the good properties of Carbolic Acid and yet has none of its bad features. Such a substitute has long been sought. Carbonol is a preparation of coal tar product adapted to a wide range of uses. It is a disinfectant, antiseptic and insecticide. Follow directions that accompany each package. 4-oz. bottles, 25 cts.; pints, 50 cts.; quarts, 75 cts.; gallon cans, \$1.75.



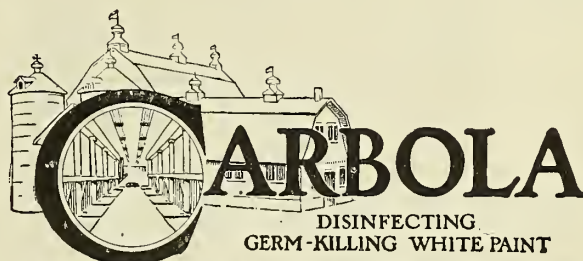
**Creonoid.** Lice destroyer and cow spray. Creonoid is prepared especially for this purpose. An up-to-date antiseptic preparation made from coal tar. Creonoid stands for animal comfort. Follow directions on can carefully. Stock tormented with flies cannot make flesh or milk. Keeping the flies off may mean the difference between profit and loss. Cows sprayed with Creonoid just before milking are quiet and give better yields of milk, because the flies are kept away. Try it, and see the results for yourself. Prices: \$1.00 per gal.; 5 or 10 gal. cans, 85 cts. gal.; ½ barrels, 80 cts. gal.; barrels, 75 cts. gal., f. o. b. Boston.

**Milkol.** An antiseptic, a disinfectant, cleanser, a curative agent. Keeps your live-stock clean and healthy, cleanses and purifies their quarters. Absolutely safe to use, non-poisonous and non-corrosive. One gallon makes from 60 to 256 gallons. Directions on every can. ½ gal. can, 85 cts.; 1 gal. can, \$1.50; 5 gal. can, \$1.25 per gal.



**Clark Heaters.** The use of Clark Heaters and coal is steadily on the increase. Write for special catalogue giving all sizes. Popular sizes are:—

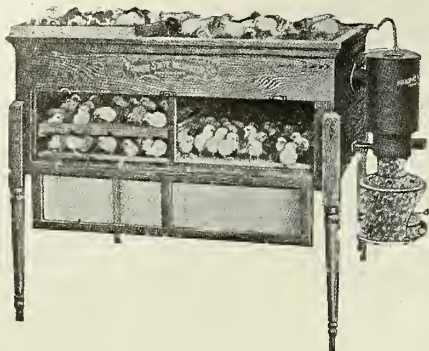
No. 5 B.	Light and handy. 12 inches long. Weight 4 lbs. Covered with carpet . . . . .	\$1.50
No. 7 D.	14 inches long. Weight 9 lbs. Flat slanting top. Covered with carpet . . . . .	2.25
Clark Coal,	1 doz. bricks in box, weight 7½ lbs. . . . .	.75
	Case of 100 bricks . . . . .	6.00



The Disinfectant that paints. Use it instead of whitewash. Put on with a brush or sprayer. A snow white cold water paint that will not blister, flake or peel off, combined with a germicide 20 times stronger than carbolic acid but neither caustic nor poisonous. Particularly good for use in stables, cow barns, chicken coops, dairies, hog pens, creameries, cellars, factories and outbuildings.

The necessity of absolute cleanliness and complete sanitation in barns, pens and stables where poultry and livestock are kept, if they are to thrive and produce as profitably as they should, has been pointed out by the Department of Agriculture, by Experiment Stations and by farm and poultry papers too often to be repeated here. Failure to keep their living quarters clean and sanitary is the surest means of introducing into flocks and herds the lice and other vermin that sap their vitality, and so reduce their production, as well as the contagious diseases that prove so costly if they once gain a foothold. Carbola can be applied to wood, brick, stone, cement or sand finished walls; to plaster board, tar paper or over whitewash or old oil paint that is hard and firm, but not glossy. It will not blister, flake or peel off, no matter how many coats are put on, and as the mineral pigment used has a greater fire resistance than asbestos it is apparent that several coatings of Carbola will act as an efficient fire retardant. Trial package by parcel post 25 cts. (Paints and disinfectants 250 square feet). 10 pounds (10 gallons) for \$1.00, 20 pounds (20 gallons) for \$2.00, 50 pounds (50 gallons) for \$4.00.





## Prairie State Incubators

To those who desire to rear as well as to hatch chicks and ducks, the selection of an incubator is of vital importance. The high death-rate experienced with chicks the first ten days is more frequently due to imperfect incubation than to any other cause. Too many incubators of today are constructed with reference solely to hatching the desired numbers without considering the manner in which they are brought into existence.

Weak, anæmic chicks, lacking in strength and vitality, are of no value, if you hatch thousands; hence the importance of carefully considering the merits of an incubator in this direction before making a selection.

The Prairie State Sand Tray Incubators have proven themselves by thousands of tests, both in the hands of the novice, as well as in comparative results obtained by the large poultry plants using different makes of incubators.

The perfect construction and automatic heat regulation of these machines makes them easily operated and results doubly certain.

No. 0.	100 Eggs	.....	\$21.50
No. 1.	150 Eggs	.....	25.00
No. 2.	240 Eggs	.....	35.00
No. 3.	390 Eggs	.....	40.00
No. 0.	Keystone, 60 Eggs	.....	12.00
No. 1.	Keystone, 100 Eggs	.....	15.00

Southboro, Mass.

Prairie State Incubator Co., Homer City, Pa.:

Dear Sir:—Yours received and noted. Am pleased to state that our experience with the Prairie State Incubator, that I purchased of you and used this season, is such that I can thoroughly recommend it. I have used the ——— machines for 10 or 12 years and thought they were doing pretty good work but they do not bring out the chicks so uniformly good as the "Prairie State" has.

When they commence to hatch, they come out like Pop-Corn and clean up in a few hours, no dragging along a day or two.

W. R. GRAVES,

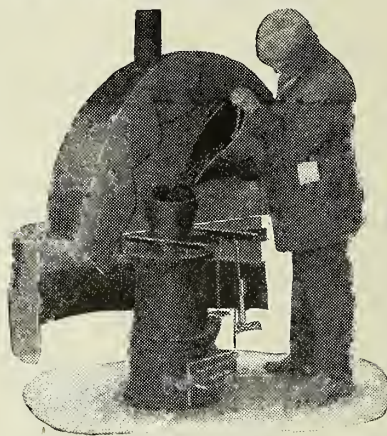
Ex-Pres. American Poultry Ass'n.

## Prairie State Stove Brooder

The Prairie State Stove Brooder is of solid cast iron construction and will, therefore, last indefinitely. Its fire bowl is of ample capacity, which will positively carry a fire overnight and last an extra margin of from five to eight hours. No sheet iron enters into the construction of the stove. There is no coal magazine, consequently no bridging of ashes or coal, no belching of smoke into the brooder room. The chicks are comfortably warm over their backs by the deflection of heat over the canopy, which is the only correct way in brooding. The canopy is hinged and easily lifted, giving ready access to the stove and regulator and reduces to the lowest terms, the labor involved in charging the fire box. The canopy is

of flat construction, permitting deflection of heat and, at the same time, preventing rapid radiation above the top. The regulator is at once automatic, sensitive and simple, giving triple control with one motion of the lever and assuring positive action at all times. The lower door is not a part of the regulating system and needs never be opened except for the removal of ashes. The Prairie State Brooder is not a makeshift, hastily placed upon the market to meet competition, but is an equipment of splendid design, characteristic of Prairie State methods and has been brought out only after most careful thought and experimenting on the part of our Company.

Sr. Prairie State Stove Brooder	.....	\$30.00
Jr. Prairie State Stove Brooder	.....	18.00
No. 0 Prairie State Stove Brooder	.....	13.00



Holliston, Mass., June 26th, 1914.

Joseph Breck & Sons, Boston, Mass.:

Dear Sirs:—We have your inquiry of June 24th regarding the Prairie State Stove Brooders we have installed. The first installation of one brooder decided us to put in twenty, and after operating the twenty, we put in another twenty. We have now forty brooders in operation on our Holliston, Mass., plant, and about twenty more at our other branches. We brood 500 chicks to a brooder, making a total of about 30,000 chicks now being brooded under your brooders.

We do not think further comment is necessary.

PITTSFIELD POULTRY FARMS CO.,  
Per Howard Gilmore.

## Prairie State Brooders and Hovers

The Prairie State Brooders and Hovers are made in the most thorough manner. The No. 1 Brooder is, in fact, a colony house, as the hover can be removed and attached to another house. The No. 2 and No. 3 are constructed on the same general plans as the No. 1, only they are smaller in size.

The Universal Hover has stood the test of a number of years and has proved to be one of the most successful of brooders. It is easy to attach to any colony house or box. The lamp box is placed on the outside of the colony house, thus making it very easy for the attendant to look after the lamp.

The Portable Hover is just what its name indicates, a hover that can be moved from one house to another at any time. This hover is constructed entirely of galvanized sheet steel. No wood or other inflammable materials are used. It is insulated thoroughly with asbestos and mineral wool. Every inch of the inside of this house is available for brooding purposes and is uniformly heated throughout, there being no hot or cold spots.

### PRICES

Universal Hover, complete with Lamp Case	.....	\$ 7.00
Hover, less Lamp Case	.....	6.00
No. 1. Col. Brooder	.....	22.00
No. 2. Col. Brooder	.....	18.00
No. 3. Col. Brooder	.....	14.00
Regulator for Col. Brooders and Hovers	.....	1.60
Portable Hovers, complete with Lamp, Thermometer and Regulator	.....	10.00
Jr. Portable Hover, complete with Lamp, Thermometer and Regulator	.....	6.00

Send for Catalog.



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### Forestry

Practical Forestry. By A. S. Fuller .....	1.50
American Forestry. By S. B. Green .....	1.50
Hedges, Windbreaks and Live Shelters. By E. P. Powell .....	.50

### Insects and Spraying

Injurious Insects of Farm and Garden. By Mrs. M. Treat .....	1.50
Spraying of Plants, The. By Prof. Lodeman.....	1.25
Insects and Insecticides. C. M. Weed .....	1.50
Fumigation Methods. W. G. Johnson .....	1.00

### Poultry, Pigeons and Bees

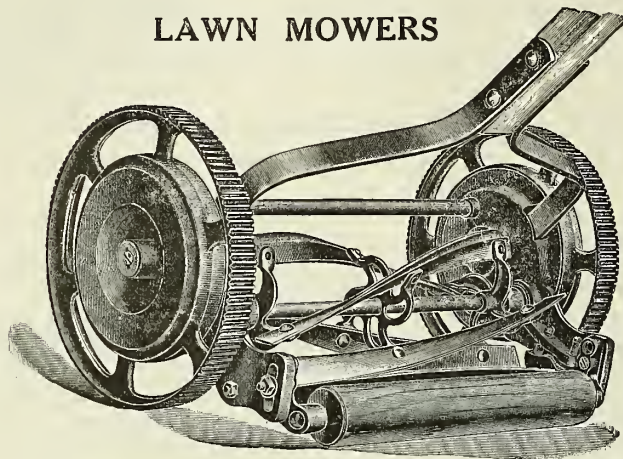
Principles and Practice of Poultry Culture. By Robinson .....	3.00
New Egg Farm, The. By H. H. Stoddard .....	1.00
Poultry Craft. By John H. Robinson .....	1.50
Standard of Perfection, The American .....	1.50
Pigeon Keeper, The Practical. By L. Wright ....	1.50
Bee Culture, A. B. C. & X. Y. Z. By A. I. Root. Cloth, \$2.50; postpaid .....	2.75



# IMPLEMENTS AND SUNDRIES FOR 1917

All articles on which weights are given in ( ) can be sent by Parcel Post. See 3rd page of cover.  
(All prices subject to change without notice.)

## LAWN MOWERS



10-inch Wheel, 4-bladed Wiper. Plain Bearings.

### Breck's Colonial

Every valuable improvement used in the latest pattern mowers of other manufacturers, and many new features are embodied in the Colonial, making it the most desirable and up-to-date machine made. We positively guarantee satisfaction to every purchaser.

Our net prices: 12-inch, \$9.00; 14-inch, \$10.00; 16-inch, \$11.00; 18-inch, \$12.00; 20-inch, \$13.00. (See illustration.)

### Worcester Ball Bearing Mower

10-inch Wheel. 4-Bladed Wiper. Ball Bearings.

Our net prices: 12-inch, \$10.00; 14-inch, \$11.00; 16-inch, \$12.00; 18-inch, \$13.00; 20-inch, \$14.00.

### Worcester Golf Mower

8½-inch Drive Wheels, 5-Bladed Wiper. Ball Bearings.

Our net prices: 12-inch, \$10.50; 14-inch, \$11.50; 16-inch, \$12.50; 18-inch, \$13.50; 20-inch, \$14.50.

### Pennsylvania Golf Mower

8-inch Wheels, 6 Blades. Ball Bearings.

Our net prices: 16-inch, \$18.00; 18-inch, \$20.00.

### Pennsylvania Putting Green Mower

7-inch Iron Roller, 6 Blades. Plain Bearings.

Especially good for Borders.

Our net prices: 10-inch, \$12.00; 12-inch, \$14.00.

### The Cricket Lawn Mowers

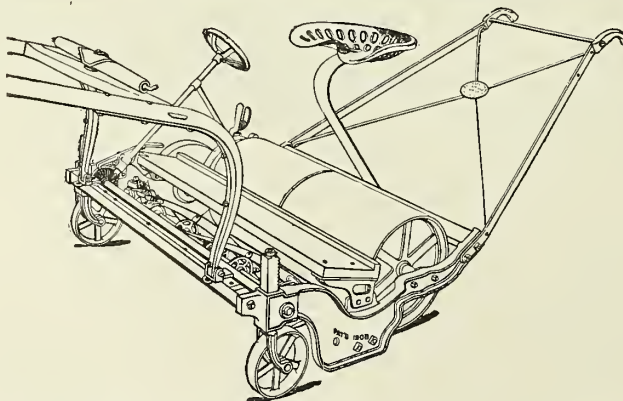
8-inch Wheel, 3-Blade Wiper. Plain Bearing.

Size	12-in.	14-in.	16-in.	18-in.
Our net prices	\$4.25	\$4.50	\$4.75	\$5.00

10-inch Wheel, 4-Blade Wiper. Ball Bearing.

Size	12-in.	14-in.	16-in.	18-in.
Our net prices	\$8.00	\$8.50	\$9.00	\$9.50

### Breck's "Colonial" Horse Lawn Mower



We offer the Colonial Horse Lawn Mower as the best machine for use on Public Parks, Golf Grounds, Private Estates, etc. It has several new and valuable features, such as Cutting Adjustment, Cylinder Adjustment, Self-Sharpening Stationary Knife, etc. Every mower thoroughly guaranteed.

4-Knife, Complete.

	Mfrs. price	Net price
30-inch	\$120.00	\$100.00
38-inch	150.00	125.00

We sharpen and repair all kinds of Hand and Horse Lawn Mowers at reasonable prices. Send us your machines early and avoid the rush when the season opens.



## McLERAN SAFETY BULL LEAD



ALL METAL—CANNOT BREAK OR OPEN ACCIDENTLY—LOCKS SHUT  
—LOCKS OPEN—RING OPERATES HOOK—SEND FOR CIRCULAR

Our net price, each (6 lbs.) . . . . . \$5.00

## DAZEY CHURNS

The Dazey cannot be compared with any other churn, because there is such an immense difference. It is not an imitation; it is an entirely new departure in churn making. It is better. Any churn will agitate and make butter, but the Dazey is the only one that produces butter in its natural condition.

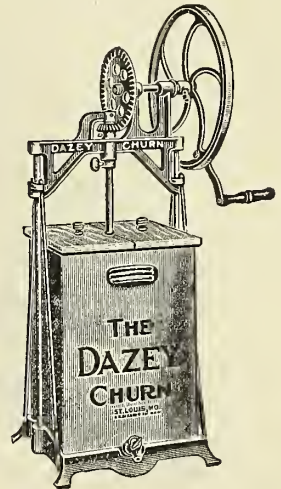
Descriptive circulars mailed on application.

### Dazey Glass Churns

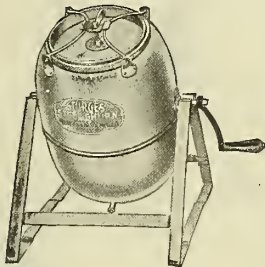
	Nos. 10	20	30	40
Capacity, pints . . . . .	3	5	7	9
Churning capacity, pints . . . . .	2	3	4	5
Weight, each . . . . .	3	5	6	7
Price, each . . . . .	\$1.25	\$1.75	\$2.25	\$2.75

### Dazey Metal Churns

	Nos. 100	200	275	400	600	1000	1600	2800
Capacity, gals. . . . .	1	2	3	4	6	10	16	28
Churning capacity, gals. $\frac{1}{2}$ . . . . .	1	2	3	4	7	12	13	
Weight, each, crated . 10 . . . . .	13	17	25	37	55	100	200	
Price, each . . . . .	\$2.75	\$3.00	\$3.50	\$4.75	\$6.00	\$10.00	\$16.00	\$35.00



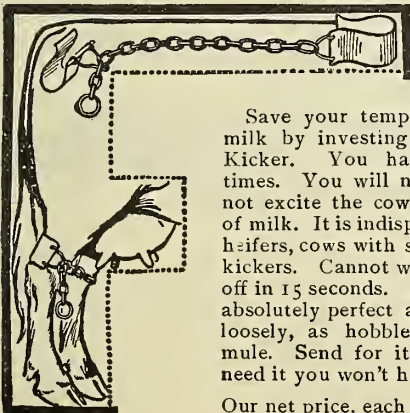
## Sturges Steel Churns



All steel—not a piece of wood about it; handsomely finished with enamel paint. Inside is heavily tinned; cork-lined cover; malleable iron trunnions. Steel welded frame, without bolts or rivets.

No. 1.	5 gals. (18 lbs.) . . . . .	Net price, each, \$5.00
No. 2.	7 " (20 " ) . . . . .	" " 6.50
No. 3.	10 " (24 " ) . . . . .	" " 7.25

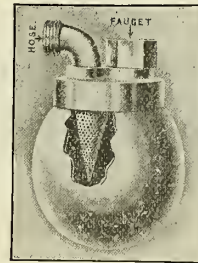
## The Anti Cow-Kicker



Save your temper, your cows, your milk by investing \$1.00 for an Anti-Kicker. You have needed it many times. You will need it again. Does not excite the cow nor disturb the flow of milk. It is indispensable for breaking heifers, cows with sore teats, or vicious kickers. Cannot wear out. Put on or off in 15 seconds. Guaranteed to be an absolutely perfect anti-kicker, or put on loosely, as hobble for cow, horse or mule. Send for it to-day; when you need it you won't have time.

Our net price, each (2 lbs.) . . . \$1.00

## Barrie Soap Sprayer



For spraying any of the numerous insecticides combining a soap base, such as whale oil soap, sulpho-tobacco soap, fish oil and potash soap, fish oil and tobacco soap, ivory soap, etc. Our net price, each (8 lbs.) . . . . . \$5.00

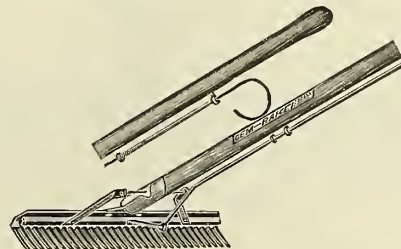
## SMALL'S CALF FEEDER

Is the only mechanical device in the world for PROPERLY feeding milk to calves. It enables them to suck just as nature intended they should. Write for descriptive circular.

Weight 5 lbs.  
Net Price . . . \$2.50  
Extra Nipples .25



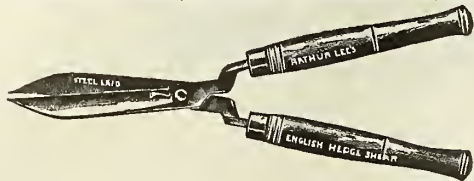
## Gem Dandelion Rake



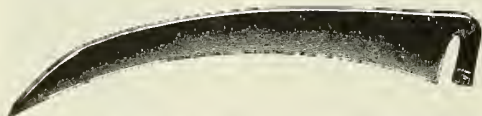
The Gem Rake is self cleaning. Can be used for leaves. For Dandelions it has no equal.

16 in. Net price . . . . .	\$1.75
24 in. " " . . . . .	2.25



**Grass, Hedge and Border Shears**

		Net price, pair	
No. 100	7½ in. Grass, (4 lbs.)	.	\$1.20
" 100	8 " " (4 lbs.)	.	1.25
" 100	9 " " (5 lbs.)	.	1.50
" 100	10 " " (5 lbs.)	.	1.80
" 101	8 " Hedge, (4 lbs.)	.	1.45
" 101	9 " " (5 lbs.)	.	1.70
" 101	10 " " (5 lbs.)	.	1.85
" 107	Ladies', (3 lbs.)	.	1.35
" 104	9 in. L. H. Border	.	2.25
" 104	10 " "	.	2.65
" 105	9 " " with wheel	.	2.65
" 105	10 " " "	.	3.00
" 106	9 " Lawn	.	2.25
" 106½	9 " L. H. Border 2 wheels	.	3.00

**English Lawn Scythe**

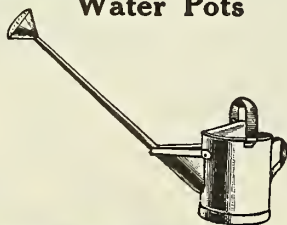
Waldron's, 34 to 36 inches (4 lbs.) Our net price, each, \$1.75

**Grass Hooks**

Clark's English, No. 2 (2 lbs.)	.	each, \$0.40
" " " 3 (2 lbs.)	.	" .50
Staniforth " " 3 (2 lbs.)	.	" .50
Breck's Pride (2 lbs.)	.	" .50
No. 70 (2 lbs.)	.	" .30
Village Blacksmith (2 lbs.)	.	" .50
Nolin Concave (2 lbs.)	.	" .60

**Grass Shears**

No. 0267 6-inch (2 lbs.)	.	each, \$0.50
" 0267 7-inch (2 lbs.)	.	" .75

**Water Pots****Galvanized Detachable Rose**

4-qt. (4 lbs.)	\$0.70	8-qt. (5 lbs.)	\$0.90	12-qt. (7 lbs.)	\$1.20
6-qt. (4 lbs.)	.80	10-qt. (6 lbs.)	1.00	16-qt. (8 lbs.)	1.50

**Wotherspoon Galvanized Long Spout**

Regular Pattern			
4-qt. (4 lbs.)	\$2.20	8-qt. (5 lbs.)	\$2.58
6-qt. (4 lbs.)	2.42	10-qt. (6 lbs.)	2.75
		16-qt. (8 lbs.)	3.85
French Pattern			
4-qt. (5 lbs.)	2.75	8-qt. (7 lbs.)	3.00
6-qt. (6 lbs.)	2.75	10-qt. (8 lbs.)	4.15
		12-qt. (10 lbs.)	4.40

**Tree Scrapers**

Blades fastened by square-head machine bolts; hardwood handles.

No. 10, blade ¼ x 5 in. (2 lbs.)	.	Our net price, each, \$1.25
" 20, " ½ x 5 in. (2 lbs.)	.	" " " " .75

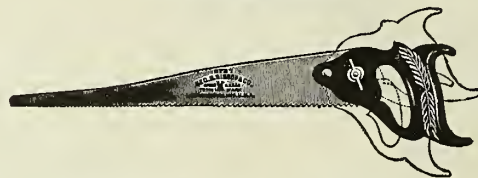
**Tree Pruner with Springs**

6-ft.	Net price, \$0.90	12-ft.	Net price, \$1.10
8-ft.	" " 1.00	14-ft.	" " 1.35
10-ft.	" " 1.00	16-ft.	" " 1.35

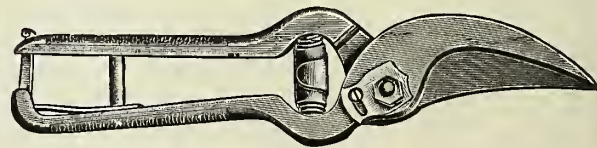
Extra knives, post paid, 15 cents each

**Telephone Tree Pruner**

Our net price (3 lbs.)	.	\$1.25
Extra knives, post paid, each	.	.25
Extra spring, " " "	.	.20

**Pruning Saws**

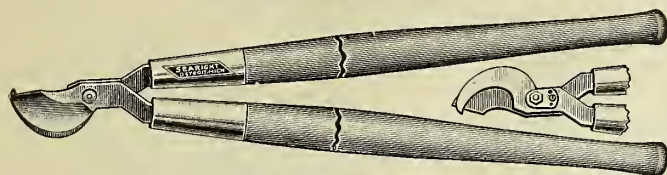
Bishop, (Coarse and Fine) 18 in. (2 lbs.) each	.	\$1.25
Illustrated, best pruning saw made		
Single Edge, 18 inches (2 lbs.) each	.	.80
" " 20 " (2 lbs.) "	.	.90
Double " 18 " (2 lbs.) "	.	.90
" " 20 " (2 lbs.) "	.	.95
Adjustable Pole Saw (2 lbs.)	.	.90
Forest No. 10 " (3 lbs.)	.	1.50
Pruning Saw and Hook (2 lbs.)	.	1.85

**Pruning Shears**

French 7-in. (2 lbs.) each	.	\$1.25
" 8-in. (2 lbs.) "	.	1.50
" 9-in. (2 lbs.) "	.	1.75
" 10-in. (2 lbs.) "	.	2.00
Taylor Pattern, No. 1 (1 lb.) each	.	.40
" " 2 (1 lb.) "	.	.35
" 9 (2 lbs.) "	.	.55
" 12 (2 lbs.) "	.	.55



## "Clyde" Draw Cut Pruners



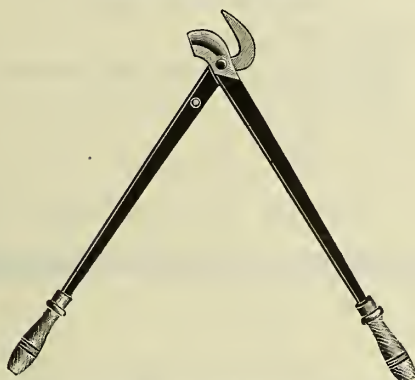
No. 5408.	20-inch handles	(6 lbs.)	Our net price, each,	\$1.60
No. 5406.	24 " "	(5 lbs.)	" "	.85
No. 5406.	41 " "	(5 lbs.)	" "	1.25
No. 5400.	24 " "	(4 lbs.)	" "	2.25
No. 5401.	22 " "	(4 lbs.)	" "	2.00
No. 5408.	26 " "	(6 lbs.)	" "	1.60

## Rhodes Double Cut Pruners



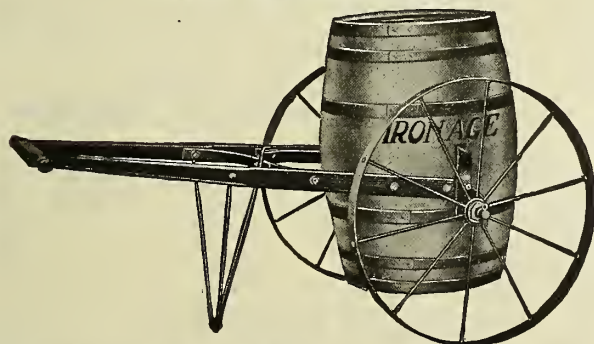
26, 30 or 36-inch pruners	(6 lbs.)	Our net price, each,	\$3.00
42-inch Bush	" (8 lbs.)	" "	4.00

## Dandy Pruners



Made on honor from start to finish. Finest pruner made.  
Net price per pair, \$2.00.

## Water Barrel Trucks



A most convenient arrangement on the golf links, farm or lawn. For a well made, durable article, we consider the price very reasonable.

				Our net price
Water barrel truck only,	1 1/4-inch tires,	wood wheels,	each	\$10.00
" " " " " "	2 1/2 " " " "	" " " "	" "	11.00
Barrels fitted	.	.	.	4.50
Boxes " "	.	.	.	4.50
Leaf racks fitted	.	.	.	7.25

## Clinching Hose Mender and Coupling



Self fastening. Slip it in the hose and hammer down—that's all

		Our net price
Perfect Clinching Couplings,	3/4 or 1/2-in. (5 oz.)	Per set, \$0.25
" " Hose Menders	3/4 or 1/2-in. (2 oz.)	Each, .10

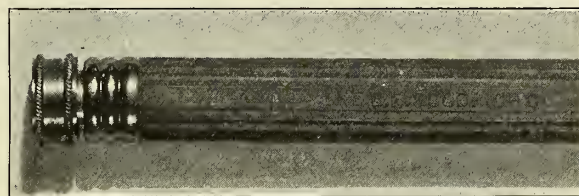
## Cooper Hose Mender



The most practical and effective hose mender. No matter how bad your hose is, it can be made serviceable by this simple device. As it is made in brass only, it is indestructible.

1/2-inch (2 oz.)	.	.	.	Our net price, each,	\$0.10
3/4 " (3 oz.)	.	.	.	" "	.10
1 " (6 oz.)	.	.	.	" "	.15

## Garden and Lawn Hose



## Rubber Hose

Prices include couplings

Weights are given for 50 feet lengths

Goodrich Ribbed,	3/4-inch	(18 lbs.)	Net price per ft.	\$0.23
" "	1/2 " "	(12 lbs.)	" " " "	.21

White Cover Braided Hose. Finest Quality

North Star	3/4-inch	(18 lbs.)	Net price per ft.	.18
" "	1/2 " "	(12 lbs.)	" " " "	.16

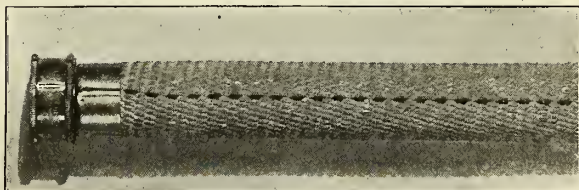
Dekagon Cover Braided Hose

Whirlpool	3/4-inch, 5 ply	(18 lbs.)	Net price per ft.	.14
" "	1/2 " 5 "	(12 lbs.)	" " " "	.13

Smooth Cover Wrapped Hose.

Freshet	3/4-inch, 5 ply	(18 lbs.)	Net price per ft.	.10
" "	1/2 " 5 "	(12 lbs.)	" " " "	.09

Smooth Cover Wrapped Hose



## Cotton Hose

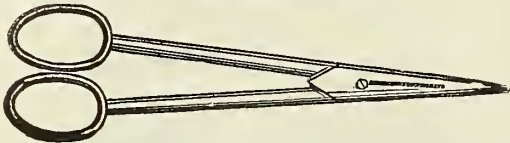
Solar Cotton	3/4-inch	(12 lbs.)	Net price per ft.	.12
" "	1/2 " "	(10 lbs.)	" " " "	.11

Goodrich ribbed Hose is furnished in 50-ft. pieces or any length wanted. In less than 50-ft. pieces, couplings will be additional.



**Pruning and Budding Knives**

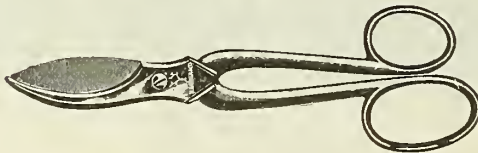
- No. 190 Buck handle, large Pruning .....\$1.40  
 No. 312 Buck handle, peach Pruning ..... 1.25  
 No. 187 BC Buck handle, medium Pruning ..... 1.25  
 Combination Budding and Pruning Knife.  
 2 blades. Finest quality.  
 Breck's No. 21711 .....\$1.25  
 By mail, add 5 cents each.

**Vine Scissors**

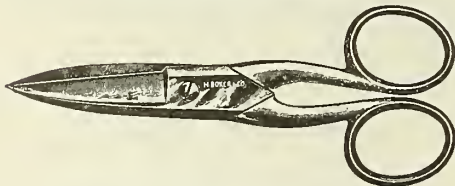
- Imported. 8-inch .....\$1.10  
 By mail, add 5 cents per pair.

**Flower Gatherers**

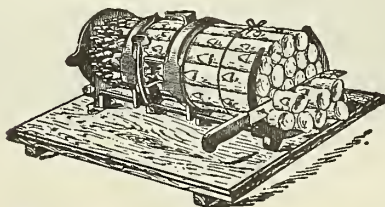
- Imported. Finest quality steel. 8-inch .....\$1.25  
 By mail, add 5 cents per pair.

**Pruning Scissors**

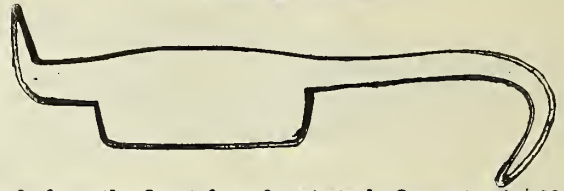
- No. 6514 7-inch. Our net price, per pair .....\$1.25  
 By mail, add 5 cents per pair.

**Florists' Scissors**

- No. 6327 5½-inch. Our net price, per pair .....\$0.90  
 By mail, add 5 cents per pair.

**Asparagus Buncher**

Latest Improved. Makes bunches right size for New England use.  
 Our net price (7 lbs.) .....each \$2.75

**Grafting Chisel**

Made from the finest forged cast steel. Our net price \$0.75  
 By mail, add 5 cents each.

**Breck's Weeder**

Used by Cranberry Growers, and for all kinds of weeding. Especially adapted to Flower Beds, Vegetable Gardens, Shrubby, etc. Forged from the best steel; practically indestructible; 4-prong, 2 x 2½, 18-in. handle, solid steel.  
 Our net price (2 lbs.) .....each \$0.75

**Asparagus Knife**

Birch handle, 15½-inches. Drop forged blade.  
 Our net price (1 lb.) .....each \$0.75

**Garden Line Reels**

Malleable iron japanned.  
 Our net price (4 lbs.) .....each \$2.25

**Braided Garden Lines**

50 ft. Our net price (1 lb.) .....\$0.38  
 100 " " (1 lb.) ..... .75

**English Trowels**

7 in. welded shank (1 lb.) .....Our net price \$0.50

**American Trowels**

6 to 8 in. or ladies' trowels (1 lb.) .....Our net price \$0.15

**Garden Forks, Dibbles and Weeders**

Transplanting fork, English	(1 lb.)	each	\$0.75
Transplanting fork, American	(1 lb.)	"	.40
Dibble	(1 lb.)	"	.35
Noyes' hand weeder	(4 oz.)	"	.25
Excelsior hand weeder	(1 lb.)	"	.10
Forged steel hand weeder	(1 lb.)	"	.40
Haseltine's hand weeder	(4 oz.)	"	.25
Lang's hand weeder	(4 oz.)	"	.25

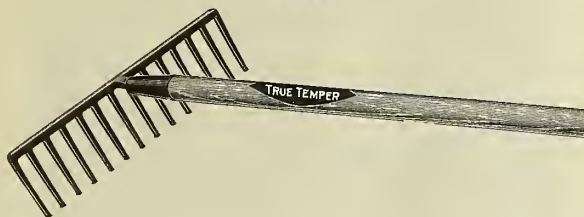
**Cleveland Lawn Weeder**

No more broken backs. This little device gets at the root of the evil and removes it bodily.  
 (3 lbs.) .....each \$0.75



## FARMING TOOLS

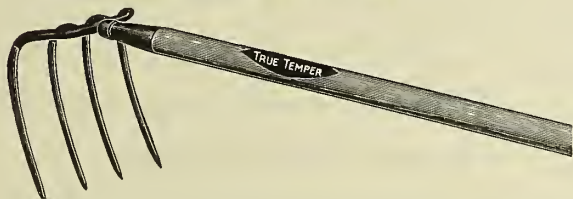
### Rakes



Our net price.

10 Teeth Garden	.....each	\$0.70
12 Teeth Garden	....."	.75
14 Teeth Garden	....."	.80
16 Teeth Garden	....."	.90
18 Teeth Garden	....."	.95
12 Teeth Gravel	....."	.85
14 Teeth Gravel	....."	.90
16 Teeth Gravel	....."	1.00
18 Teeth Gravel	....."	1.10

### Manure Hooks



4 Prong	.....each	\$1.00
5 Prong	....."	1.10
6 Prong	....."	1.15

### Potato Hooks

4 Prong	.....each	\$0.80
5 Prong	....."	1.00
6 Prong	....."	1.10

### Stable Hoes



10 inch	.....each	\$0.85
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### Shovels and Spades



Long or D handles same price.

"Columbia"	(7 lbs.)	.....each	\$1.40
"Our Leader"	(7 lbs.)	....."	1.25
"Hub Solid Steel"	(6 lbs.)	....."	.90
"O. Ames"	(8 lbs.)	....."	1.45

### Nursery Spades

O. Ames Best Make. Blade  $12\frac{1}{2}$  x  $7\frac{1}{2}$  x  $5\frac{1}{2}$  tapered; strapped 8 in. higher than the ordinary spade.  
Net price (8 lbs.).....\$1.70

## Manure Forks



Our net price.

4 Tine D handle (7 lbs.)	.....each	\$1.20
5 Tine D handle (7 lbs.)	....."	1.45
6 Tine D handle (7 lbs.)	....."	1.65

### Nursery Mattock

Made from the finest tool steel.  
Net price, including 36 in. handle (6 lbs.).....\$1.25

### Spading Forks



4 Tine Light D handle (6 lbs.)	.....each	\$1.25
4 Tine Heavy D handle (6 lbs.)	....."	1.35
4 Tine Flat D handle (6 lbs.)	....."	1.35

### Hoes



Field, 6 to 8 in. socket, extra quality	.....each	\$0.75
Field, 6 to 8 in. shank, extra quality	....."	.70

### Post Spoons



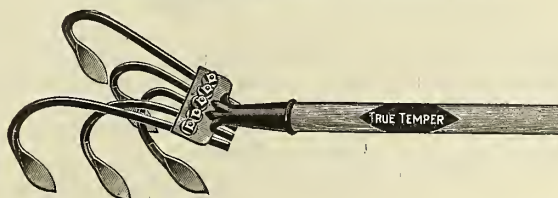
"O. Ames" 7 ft.	.....each	\$1.75
"O. Ames" 8 ft.	....."	1.90

### Scuffle Hoes



6 in., hldd. American..	\$0.75	6 in., hldd. Dutch..	\$0.95
7 in., hldd. American..	.80	7 in., hldd. Dutch..	1.00
8 in., hldd. American..	.85	8 in., hldd. Dutch..	1.05
9 in., hldd. American..	.90	9 in., hldd. Dutch..	1.10
10 in., hldd. American..	.95	10 in., hldd. Dutch..	1.25

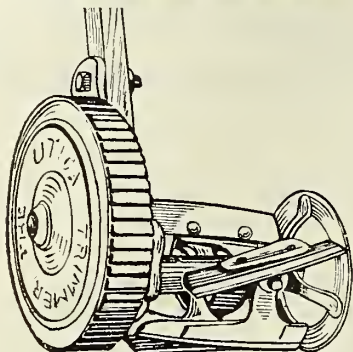
### Invincible Garden Cultivator



Our net price (5 lbs.)	.....each	\$0.90
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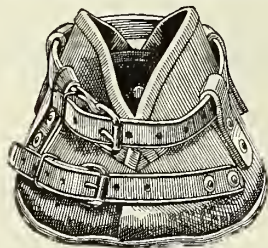
## Utica Lawn Trimmer



Does what no other machine can do and what lawn mowers leave undone. It trims end edges your lawn with remarkable speed and perfection; the shield over the blades protects the flowers. A trial will convince you, as it has thousands of others, that the days of shears and hand clippers have passed.

Our net price, each (25 lbs.) .....\$3.50

## Horse Lawn Boots



For Lawn or Golf work, Horse Boots are indispensable for use in connection with mower or roller. They prevent the horse sinking in damp or soft places and do not cut or tear up the turf. The following patterns are the ones in general use:

## Our Net Prices

Breck's Golf, per set of four (7 lbs.).....\$10.00  
Baker's, per set of four (12 lbs.)..... 8.75

Please send diagram showing size of horse's hoof when ordering.

## "Nox-All" Grass Catcher

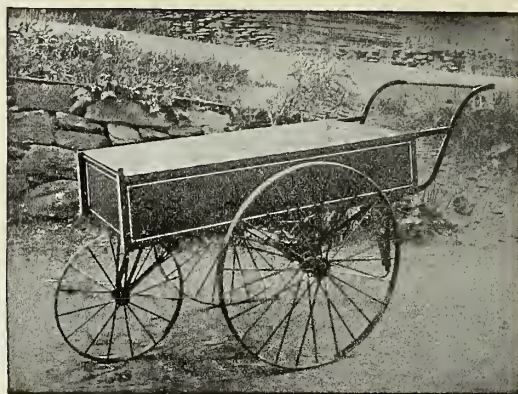


Collapsible frame of galvanized wire. Heavy galvanized iron bottom with slots making catchers adjustable to fit different sizes of mowers. Fitted with improved stationary handle, so attached that entire handle is within the catcher. Furnished in fine quality white duck only.

## Our Net Prices

No. 508 H.S. 13 in. deep, 17 in. long, 19 in. wide.  
Fits 12 to 16 in. mowers (4 lbs.)..ea. \$1.00  
No. 509 H.S. 13 in. deep, 17 in. long, 23 in. wide.  
Fits 16 to 20 in. mowers (4 lbs.)..ea. 1.00

## Triumph Hand Carts



The lightest, strongest, most durable, finest finish line of hand vehicles built.

## PRICE LIST

No. 1	Box 20 x 37 x 9½.	Our net price.....	\$12.60
No. 2	Box 22 x 42 x 9½.	" " .....	13.50
No. 3	Box 24 x 42 x 10½.	" " .....	14.40
No. 4	Box 27 x 42 x 10½.	" " .....	16.20
No. 8	Heavy Lawn Cart	" " .....	32.40
No. 9	Light Lawn Cart	" " .....	18.00
No. 5	Laundry Cart	" " .....	22.05
No. 6	Baker's Cart	" " .....	30.00

Descriptive catalog mailed on application.

## Apple Trimming Shears



Best quality steel. Very useful in thinning out imperfect fruit. Every orchardist should have a pair in his kit.

No. 7436 Mfrs. Price per doz.....\$6.00

Our net price, per pair ..... .40

By mail, add 5 cents per pair for postage.

## Breck's Solid Brass Bull Leader



Open



Closed

Solid Brass Head. Handle cannot turn in hand. Strongest Bull Leader made.

Breck's Bull Leader (3 lbs.) Our net price....each \$2.50

## Diamond Extension Ladder



The Diamond Extension Ladder is constructed in the most thorough manner and is light and very easily handled. Made of best selected timber, well ironed.

When ordering Extension Ladders add four feet for splice at regular price per foot.

Our net price, 20 to 34 feet .....per foot \$0.31

Special prices on Ladders over 34 feet long.



## Lawn Sprinklers

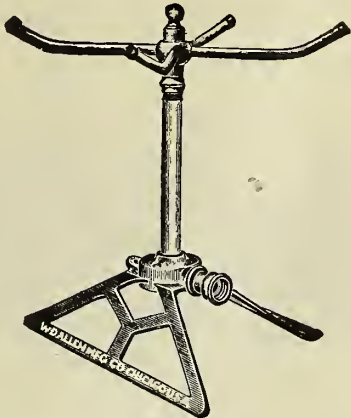


Fig. 46

Fig.

- 43 Pluvius, 3 arms, 11 in., ball bearing (4 lbs.)....\$1.50  
 Sunshine, exactly like Pluvius except that it stands on legs (3 lbs.)..... 1.50  
 Putting Green, 2 arms, 48 in. high (17 lbs.).... 5.00  
 Aetna, 3 arms, 20 in. high (9 lbs.)..... 1.75  
 46 California, 4 arms, 12 in. high (5 lbs.)..... 1.75  
 54 C. B. G. (cheap but good) (2 lbs.)..... .25  
 Blake, No. 1,  $\frac{3}{4}$ " hose pipe thread (1 lb.)..... .35  
 Blake, No. 2,  $\frac{3}{4}$ " iron pipe thread (1 lb.)..... .35  
 52 Garden City, 13 in. high (3 lbs.)..... 1.00  
 237 Australian,  $\frac{3}{8}$ " iron pipe thread (3 oz.)..... .35  
 59 Hartford, No. 6, 6 ft. high..... 1.25  
 Hartford, No. 8, 8 ft. high..... 1.50  
 61 Jones Adjustable (9 lbs.)..... 3.50  
 Rain-Drop (3 oz.)..... .25  
 Boston, No. 52X (10 lbs.)..... 1.50  
 64 Fountain (2 lbs.)..... 1.00  
 62 Fountain Ring, Baby (1 lb.)..... .75  
 47 Elgin Sprinkler (4 lbs.)..... .75  
 Elgin Sprinkler Shields (1 lb.)..... .25  
 238 Fountain Shower (1 lb.)..... .25  
 239 Half Circle Fountain (1 lb.)..... .50  
 Biltmore, 3 arms, 36 in. (15 lbs.)..... 4.00  
 Stott's Sprayer (greenhouse) (1 lb.)..... 1.75

## Scientific Grinding Mills



No. 20

No. 15 grinds all grains including ear corn in the husk. Will crack wheat, rye, oats, barley, corn and seeds of all kinds for chick feed. 4 to 6 H. P. Gasoline Engine, 12 to 30 bushels .....\$50.00

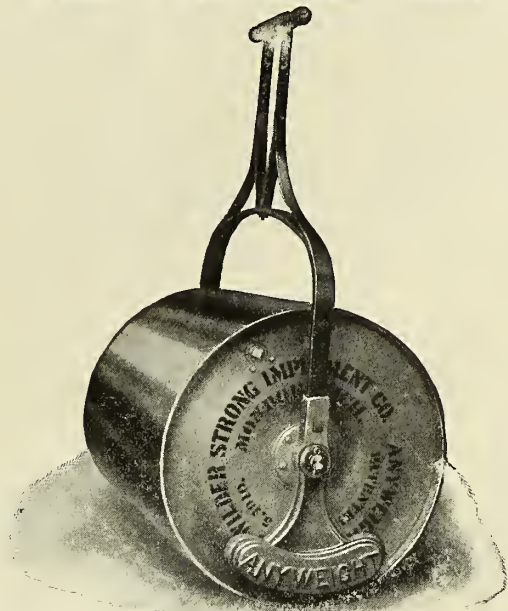
No. 20. Lightest running and fastest grinding mill for small engines ever built. Grinds ear corn and all small grains. 2 to 6 H. P. Gasoline Engine, 12 to 30 bushels .....\$27.00

## Hall Dandelion Puller



To kill dandelions you must destroy the root. Cutting them off is a waste of time and energy. They are bound to grow again—chemicals disfigure the lawn. The easiest and most effective way is to keep the dandelions down and out. Use a Hall Dandelion Puller. Patented clog-proof claw gets the root without tearing up the lawn. Kills dandelions once and for all—the only weeder that does not leave the lawn looking worse than it did with the weeds. Long handle eliminates need of getting down on hands and knees. Polished steel blade. Lasts a lifetime. Guaranteed to kill dandelions or money refunded. Net price (2 lbs) .....each \$0.50

## Water or Sand Ballast Rollers



The "Water Ballast Lawn and Garden Roller" idea is a brand new one and by the introduction of this type of tool, the old style, clumsy, iron and steel weighted machines are relegated to oblivion. The "Anyweight" system is one particularly pleasing to the user, as but a moment's time is required to obtain any weight from 115 pounds to  $\frac{1}{2}$  ton, suitable to condition of ground or strength of operator. To weight the machine, turn on end, remove pipe plug by unscrewing, insert garden hose or, if necessary, use pail and funnel, fill the drum to any desired weight, screw in the threaded plug and your machine is ready for business.

Furnished complete with wrought iron handles and counter-weights.

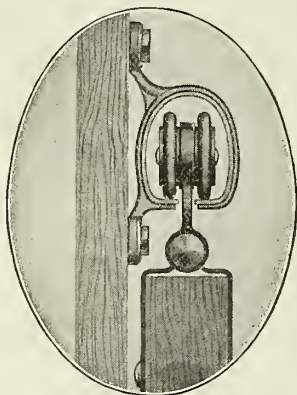
No.	Width of Drum	Weight of Tool empty	Weight filled with Water	Weight filled with Sand	Our Net Price
1824	18 x 23 $\frac{1}{4}$	95	312	478	13.50
1830	18 x 31 $\frac{1}{4}$	110	402	625	15.30
2424	24 x 23 $\frac{1}{4}$	115	480	759	17.10
2430	24 x 31 $\frac{1}{4}$	132	624	1000	18.90
PONY OR HORSE					
2456	24 x 56	313	1153	1793	50.00
2472	24 x 72	364	1440	2262	54.00



**I. X. L. Galvanized Steel Chain Pump**

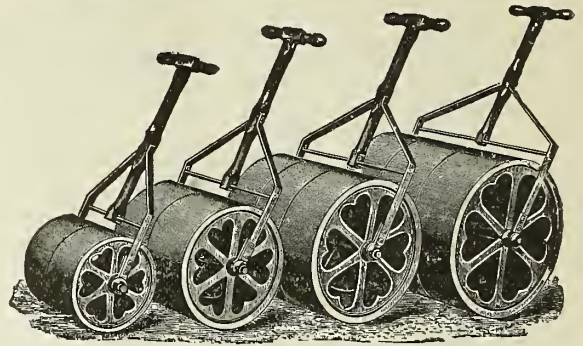
There has never been a better device for raising water from the well than the old-fashioned chain pump with rubber buckets. The galvanized tubing does not make the water taste, it cannot rust, and will not rot or accumulate filth. This pump is anti-freezing and can be used in wells that are fifty feet deep or under successfully, giving sixteen gallons of water per minute.

I. X. L. Curbs comp. . . . .	each, \$6.00
Galvanized Tubing . . . . .	per ft., .12
“ Couplings . . . . .	“ .30
I. X. L. Rubber Buckets (3 oz.) . . . . .	each, .10
Galvanized Pump Chain (1 lb.) . . . . .	per ft., .06

**Porter Barn Door Hangers**

Barn doors hung with Porter Hangers will push and pull so easily that a child can open and close them.

No. 2. Barn Door Hangers . . . . .	Net, per pair, \$1.15
Track for No. 2, 1 1/4 x 1/2 . . . . .	“ “ ft., .10
No. 8. Tornado Tandem Hangers (illustrated) “ . . . . .	pair, 1.50
Trolley Track for No. 8 . . . . .	“ “ ft., .18
Centre Brackets for Trolley Track . . . . .	each, .10

**Field, Garden, Golf and Lawn Rollers**

No.	Diam.	Length	Face	Lbs.	Our net price
No. 1, 15 in. x 15 in., 2 sect.,	150 lbs.,	garden and lawn	\$ 8.50		
“ 2, 15 in. x 22 in., 3 “	200 “	“ “ “	11.25		
“ 4, 20 in. x 20 in., 2 “	250 “	“ “ “	14.00		
“ 5, 20 in. x 20 in., 1 “	250 “	“ “ “	14.00		
“ 6, 20 in. x 24 in., 3 “	300 “	“ “ “	16.50		
“ 11, 24 in. x 24 in., 3 “	450 “	“ “ “	25.00		
“ 25, 30 in. x 24 in., 3 “	550 “	“ “ “	34.00		

No.	Diam.	Length	Seet.	Face	Lbs.	Our net price
40	24 in.	30 in.	3	10 in.	650	golf and lawn \$52.00
41	24 in.	40 in.	4	10 in.	800	" " " 61.00
42	24 in.	50 in.	5	10 in.	950	" " " 70.00
72	24 in.	5 feet	5	12 in.	1,450	two-horse field 80.00
76	28 in.	6 feet	6	12 in.	1,950	" " " 105.00

Whiffletrees and neck yoke extra per set, \$6.00  
Prices include seats. Descriptive catalogue on application.  
Special sizes up to 10,000 lbs. furnished promptly.

**Steel Lawn and Land Rollers**

Our Steel Rollers are furnished in the following sizes, and will roll the exact widths given.

		Our net price
No. 1, 2	3 ft. 9 ins. wide with shafts,	350 lbs. . \$29.00
" 14, 3	" 6 ft. 0 ins. wide " "	550 lbs. . 41.00
" 24, 3	" 6 ft. 0 ins. wide " pole	500 lbs. . 41.00



# Planet Jr. Farm and Garden Tools

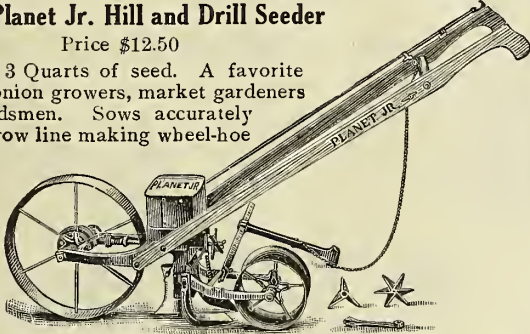
Why worry along with slow out-of-date implements and meagre results? Planet Jr. tools are far more economical—they do 3 to 6 times the work, get bigger, better crops, and outlast several ordinary implements. FULLY GUARANTEED. You are actually losing money whenever you cultivate without them.

Send for special PLANET JR. CATALOG.

## No. 3 Planet Jr. Hill and Drill Seeder

Price \$12.50

Holds 3 Quarts of seed. A favorite among onion growers, market gardeners and seedsmen. Sows accurately in a narrow line making wheel-hoe cultivation easy.



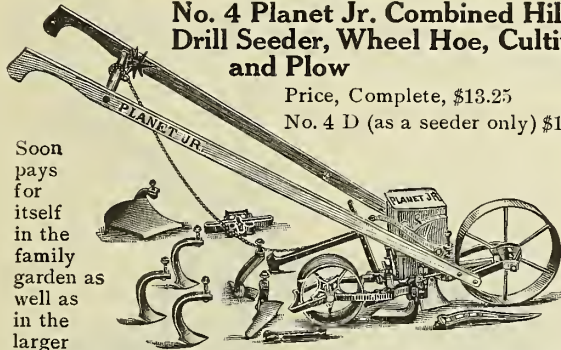
## No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Price, Complete, \$13.25

No. 4 D (as a seeder only) \$10.75

Soon pays for itself in the family garden as well as in the larger acreage.

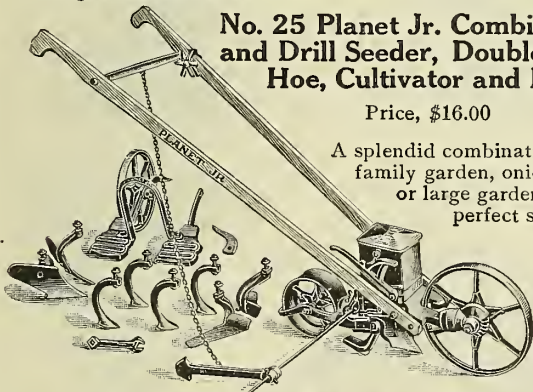
Sows all garden seeds (in drills or in hills), plows, opens furrows and covers them, hoes and cultivates quickly and easily. No. 4 D, Hill and Drill Seeder, same as above less the cultivating attachments, \$10.75.



## No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow

Price, \$16.00

A splendid combination for the family garden, onion grower, or large gardener. It is a perfect seeder, and combined double and single wheel hoe



## No. 31 Planet Jr. Combined Drill Seeder and Single Wheel Hoe

Price, Complete, \$8.50

Packed weight, 30 lbs.

No. 32, as a Drill Seeder Only, \$6.00

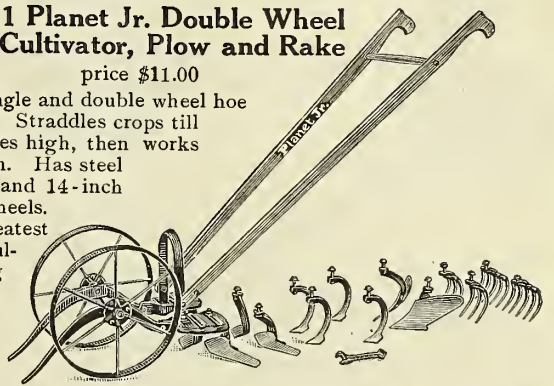
This new tool is of great value to gardeners who have never felt able to own either a seed drill or a wheel hoe. It will sow even a small packet of garden seed with great precision. Quickly changed to a splendid wheel hoe. A special machine for the small gardener.



## No. 11 Planet Jr. Double Wheel Hoe, Cultivator, Plow and Rake

price \$11.00

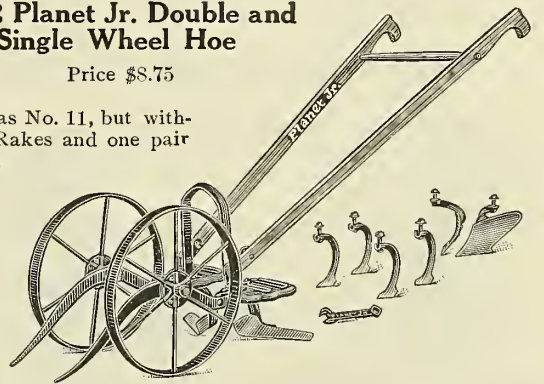
A single and double wheel hoe in one. Straddles crops till 20 inches high, then works between. Has steel frames and 14-inch steel wheels. The greatest hand cultivating tool in the world.



## No. 12 Planet Jr. Double and Single Wheel Hoe

Price \$8.75

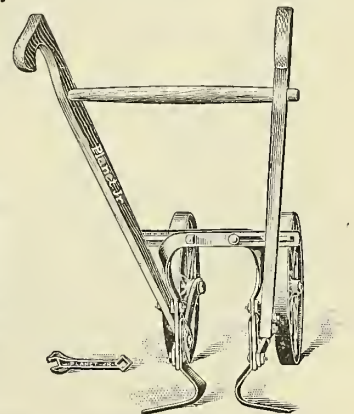
Same as No. 11, but without the Rakes and one pair of Hoes.



## No. 13 Double and Single Wheel Hoe

Price \$6.00

This tool is the No. 12, with 6-inch hoes only, these being the tools that are most used. Any of the attachments shown with No. 11 may be added at any time.



## No. 60 Planet Jr. Double Wheel Onion Hoe

Price \$5.25

This new tool is a departure from all previous Wheel Hoes. It is adjustable for the complete culture of onions, or general hoeing. The new all-steel hoes are a decided improvement over the older models. We offer a special Onion Harvester for this tool.

Price, \$1.50

## No. 65 Planet Jr. Slide Hoe

Price \$3.00



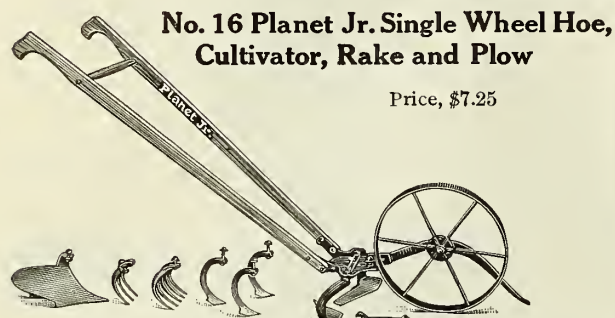
Admirable for all between-rows workings. Light, strong, easy running.



# Planet Jr. Farm and Garden Tools

Old-time farming no longer pays—these scientific tools do the work of 3 to 6 men, give bigger yield, and save their cost in a single season. Invented and made by a practical farmer and manufacturer, with half a century's experience. Planet Jrs. are strong and lasting. Every tool fully guaranteed.

Come and let us convince you of their economy.



**No. 16 Planet Jr. Single Wheel Hoe, Cultivator, Rake and Plow**

Price, \$7.25

The highest type of Single Wheel Hoe made. Light but strong, and can be used by man, woman or boy. Will do all the cultivation in your garden in the easiest, quickest, and best way.

**No. 17 Planet Jr. Single Wheel Hoe**

Price, \$6.25

Same as No. 16, but without the Rakes and Leaf Lifter. These Single Wheel Hoes have steel frames and 15-inch steel wheels.

**No. 17½ Planet Jr. Single Wheel Hoe**

Price, \$5.50

This tool is identical with No. 16, except in equipment. The pair of 6-inch hoes, three cultivator teeth and leaf lifter which go with it, are all the finest of their kind.

**No. 18 Single Wheel Hoe**

Price, \$4.50

This has one pair of 6-inch hoes only—the tools that are most constantly useful throughout the season. Other attachments can be added as needed.



**No. 33 Planet Jr. Single Wheel Hoe**

(No. 31 without Seeder)

Price, \$3.75

This combination will delight the suburbanite, the growing boy, women, younger or older, who will find it a light running wheel hoe that will save them hard work and help much to supply the table with fine vegetables.

## 72-PAGE PLANET JR. CATALOG FREE

Describes 70 tools, including Seeders, Wheel Hoes, Horse Hoes, Harrows, Orchard and beet Cultivators.

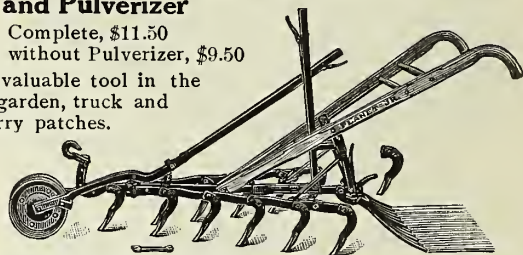
Write Postal for It

**No. 90 Planet Jr. 12-Tooth Harrow, Cultivator and Pulverizer**

Complete, \$11.50

No. 90B without Pulverizer, \$9.50

An invaluable tool in the market garden, truck and strawberry patches.



Has new steel wheel which prevents clogging. Its 12 chisel-shaped teeth cut out all weeds, stir and mellow the soil and leave the ground in the finest condition without throwing dirt on plants.

**No. 8 Planet Jr. Horse Hoe**

Price Complete, \$11.50

Stronger, better made, and capable of a greater variety of work than any other cultivator made.

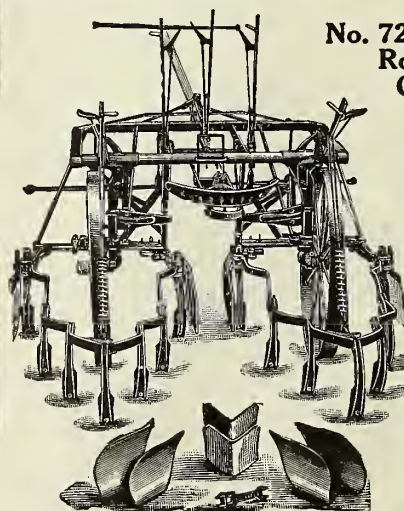


Non-clogging steel wheel. Depth regulator and extra long frame make it run steady.

**No. 9 Planet Jr. Combined Horse Hoe and Cultivator**

Price, with Steel Wheel, \$10.00

Is identical with No. 8, except that it has no depth regulator, and has a plain wheel instead of a lever wheel.



**No. 72 Planet Jr. Two-Row Pivot Wheel Cultivator, Plow, Furrower and Ridger**

Price, \$63.75 complete with Spring Trip Standards.

With Roller Bearings \$5.00 extra

No. 72 Planet Jr. 2-row, 2-horse, Pivot-wheel Cultivator saves a man, a team, and a cultivator every day it is used.

Cultivates 2 rows of corn, potatoes, beans, etc., at one passage, even if rows are crooked or irregular width. In check rows and listed corn it also beats any other tool. Can be equipped with spring-trip standards, discs, sweeps, hoe steels, and furrowing shovels. Specially hardened cultivating steels add 50 per cent to wear.



## SPRAY PUMPS



No. 327½



No. 324



No. 329

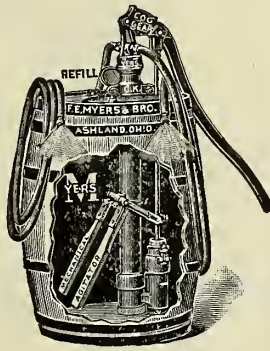
No. 327½. Myers' Little Giant Brass Spray Pump with agitator. Complete with hose and graduating Vermorel nozzle and malleable foot rest. (8 lbs.) Net price . . . \$ 4.25

No. 324. Myers' Lever Bucket Spray Pump, with agitator, hose and graduating nozzle. (10 lbs.) Net price, 6.00

No. 329. Myers' General Purpose Sprayer, complete as illustrated. Net price . . . 11.00



No. R441



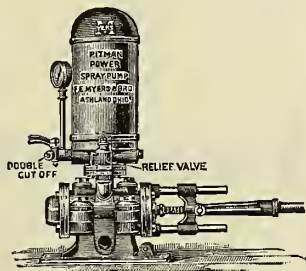
No. R308

No. R441. Myers' 2-inch Duplex Cog Gear Vertical Cylinder Hand Spray Pump with pressure gauge and double discharge. Hose, nozzle, etc., additional. Net price 40.00

No. R308. Myer's O. K. Spray Pump with mechanical agitator, suction pipe and strainer. Hose and nozzles additional. Net price . . . 18.00



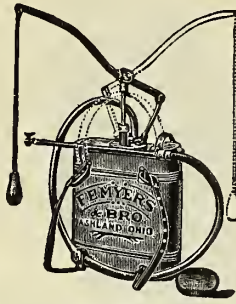
No. 310



No. 313A

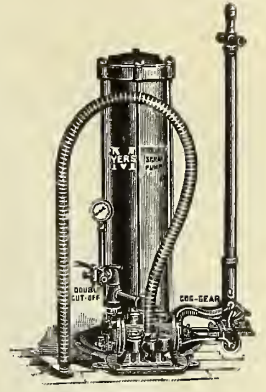
No. 310. Myers' Perfect D. A. Barrel Spray Pump with mechanical agitator, suction pipe, and strainer. Hose and nozzle additional. Net price . . . 13.10

No. 313A. Myers' Junior Spray Pump with strainer, pressure gauge, relief valve, and 6-foot suction hose, two 8-foot extensions and nozzles. Discharge hose additional. Net price . . . 33.00



No. 331

No. 331. Myers' Copper Knapsack Sprayer. Complete as illustrated. Net price . . . \$16.00

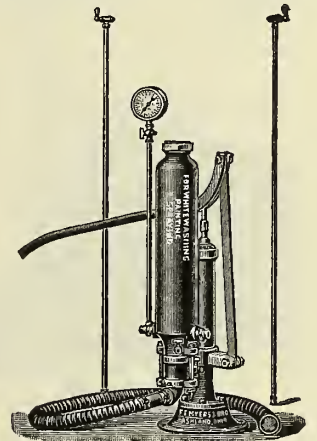


No. R335A

No. R335A. Myers' Hydraulic Spray Pump complete with pressure gauge, 6-foot suction hose, two nozzles and two 8-foot pipe extensions. Hose additional. Net price . . . 40.00



No. 438A



No. 334A

No. 438A. Myers' Century Spray Pump with strainer and pressure gauge, 6-foot suction hose, two nozzles and two 8-foot pipe extensions. Net price . . . 35.00

No. 334A. Myers' Paint and Spray Pump, complete with pressure gauge, 6-foot suction hose, two nozzles and two 8-foot pipe extensions. Hose additional. Net price, 30.00



Fig. 1317



Fig. 1564



Fig. 1291



Fig. 1290

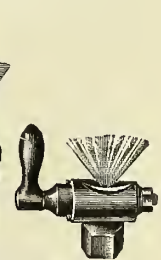


Fig. 1019

Fig. 1317.	Power Nozzle	Net price	1.50
" 1564.	Graduating Vermorel Nozzle	"	1.00
" 1291.	Long Distance Nozzle	"	1.00
" 1290.	Hand and Power Nozzle	"	1.25
" 1019.	Bordeaux Nozzle	"	1.10
" 1470.	Myers' Way Nozzle	"	1.25
" 480.	4-ft. Pipe Extensions with Coupling	"	.40
" 480.	8-ft. " "	"	.60
" 480.	8-ft. " " Stop Cock	"	1.15
" 480.	8-ft. " " Lever	"	1.50
" 772.	Hose Reducer, ¾ in. hose to ¼ in. Pipe	"	.25
" 1380.	45-Degree Bend, ¼ in. Pipe	"	.35

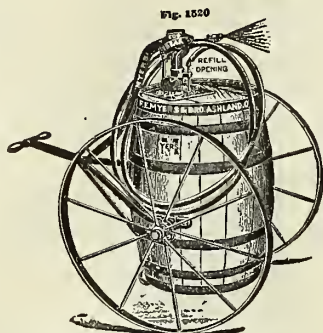
Sent by Parcel Post prepaid.



## SPRAY PUMPS

Myers' Barrel Spray Outfit consists of an all steel Barrel Cart, attached to barrel—with the Myers No. 318B Goggear Spray Pump with one lead, 15 ft.  $\frac{1}{2}$ -inch hose, nozzle, mechanical agitator, complete.

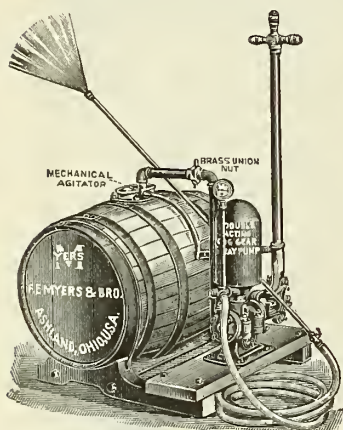
	Net
No. 318B Pump, as described, .	\$14.00
Steel Cart only .	12.00
Barrel . . . . .	
Price of Outfit ready for use . . . . .	31.00



Myers' Barrel Spray Outfit

Net price, \$ 5.00

31.00



Myers' No. 316B

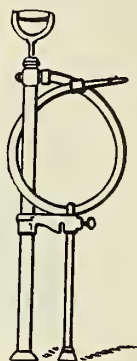
Myers' D. A. Complete Spray Outfit, No. 316B. Pump complete: 50-gallon barrel on skids, pressure gauge, one 15-ft. lead  $\frac{1}{2}$ -in. hose, one nozzle, one 8-ft. pipe extension, lever shut-off and mechanical agitator double-acting pump. Well adapted for spraying potatoes.

Our net price . \$40.00

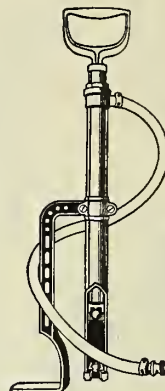


Myers' Portable Sprayer

No. R337B Garden Sprayer Tank holds 12 $\frac{1}{2}$  gallons. Powerful pump, 15 ft.  $\frac{1}{2}$ -inch hose, nozzle, two 4-ft. pipe extensions, complete . . . . . Our net price, \$25.00



Breck's Hand Force Pump



"Modoc" Hand Pump

Breck's Brass Hand Force and Spray Pump. Our own design, adapted to all purposes and spraying. Complete with spray and solid stream nozzles. (8 lbs.)

Our net price . . . . . each, \$5.50

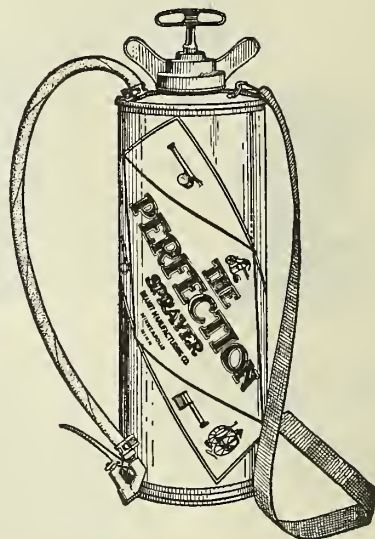
The "Modoc" Hand Pump will throw a straight stream or a fine spray with the same nozzle. Can be used for washing windows, buggies, automobiles, etc., or for spraying trees, bushes and vines or for white-washing and disinfecting. (8 lbs.)

Our net price . . . . . \$4.50

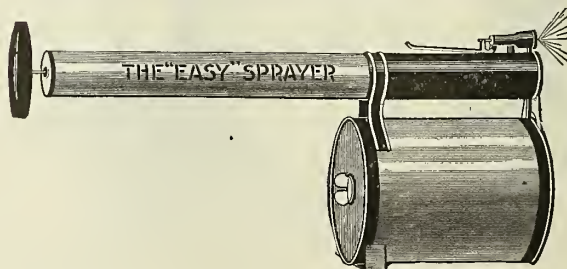
The Brandt Perfection Sprayer is the best compressed air sprayer made. This sprayer will handle whitewash, water paints, Bordeaux mixtures, etc., perfectly, and is tested with 50 pounds pressure before leaving the factory.

Perfection Galvanized Sprayer (12 lbs.) Our net price . . \$5.50

Perfection Brass Sprayer. (12 lbs.) Our net price, \$7.75



Perfection Compressed Air Sprayer

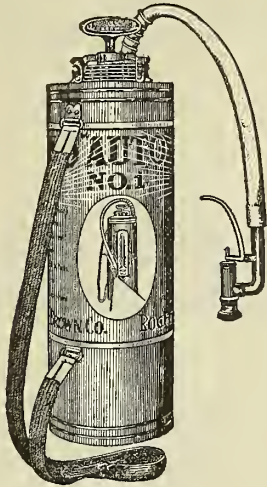


The Brandt's "Easy" is the best of all hand sprayers. Capacity 1 gallon. Excellent for spraying floor oils, etc.

Brass (4 lbs.) . . . . .	Net price, \$3.00
Galvanized (4 lbs.) . . . . .	" 2.00



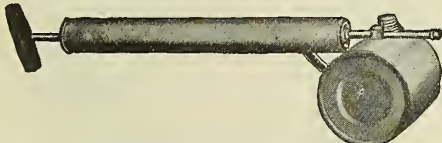
## SPRAY PUMPS



**Brown's Auto Spray**

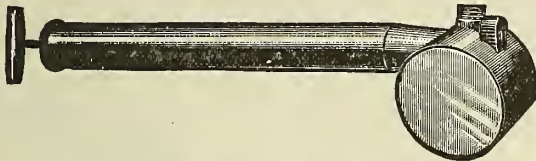
Brown's Auto Spray is recommended for trees and vines, shrubs, greenhouses, poultry houses, hospitals, and stables for disinfectants, for sheep and cattle dip and cattle fly oils.

No. 1B Brass Tank, . . . (12 lbs.) . . .	Our net price, \$8.50
No. 1D Galvanized Tank, (12 lbs.) . . .	" " " 5.50
Brass Extension Pipes, (2 lbs.) each,	\$0.60
Brass Strainer, (1 lb.) each,	1.00



**Lowell Continuous Sprayer**

A new combination atomizer and compressed air sprayer that sprays continuously and in any direction. Ball valves. (3 lbs.)  
Net price . . . . . \$0.75

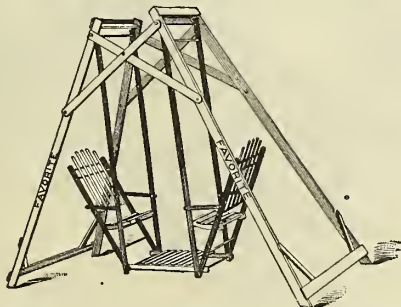


**Breck's Acme Sprayer**

For spraying cattle, horses, disinfectants. Very handy for house, stable, etc.

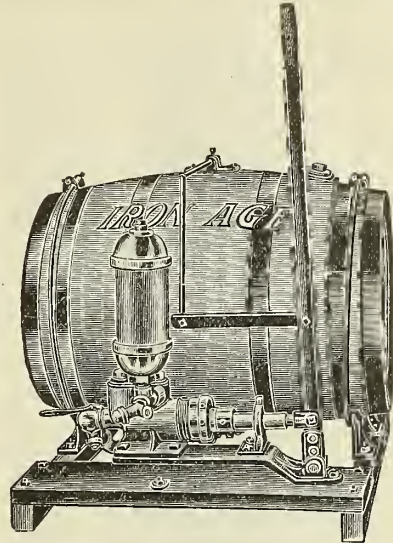
Acme, tin. 1 qt. (2 lbs.) . . .	Net price, each, \$0.50
" brass. 1 qt. (2 lbs.) . . .	" " " 1.00
Little Wonder. 1 pt. (2 lbs.) . . .	" " " .35
Midget. 1/2 pt. (1 lb.) . . .	" " " .25

## Automatic Lawn Swings



These swings furnish a delightful and healthy exercise for persons of all ages, as a child can operate them with ease and safety.

No. 2. Single. Best Quality.	Net price each, \$5.00
No. 7. Double. " " "	" " " 7.50



**Iron Age Barrel Sprayer**

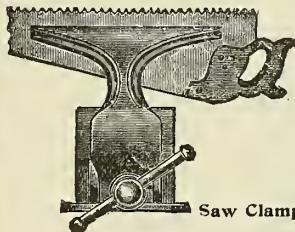
Iron Age Barrel Sprayer is just what the man with the small orchard or garden has been looking for.

A hand sprayer that is easy to operate, convenient to get at in all its parts, is stable on its foundation, is so mounted that it can be placed on any conveyance and moved at will, has a fine outside pump with high pressure and is durable.

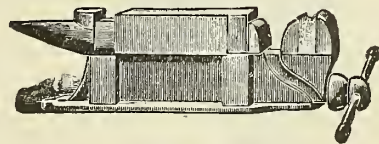
Our net price, as shown above - \$25.00

No. 1582. Myers' Three-Row Potato Sprayer (not illustrated) to be used with any of the Myers' Barrel Pumps.  
Our net price . . . . . \$12.00

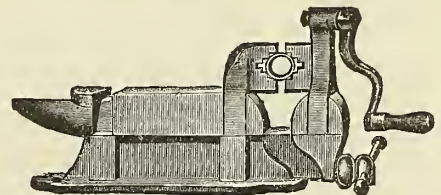
## Hanson Combination Vise



**Saw Clamp**



**Anvil and Vise**

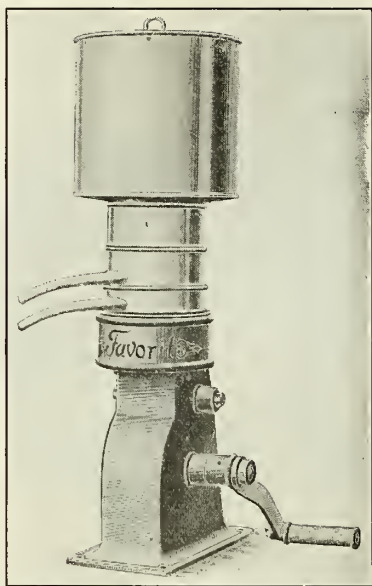


**Pipe Vise**

Is neat, cheap and complete, well made and will stand hard service. It will test the mechanical skill of the boys and be a Manual Training School to them. It is a Farmer's Repair Shop and indispensable to a small shop or mechanic, or any householder. The Drill combination is not illustrated. Steel Faced Anvil, weight complete, about 65 pounds.

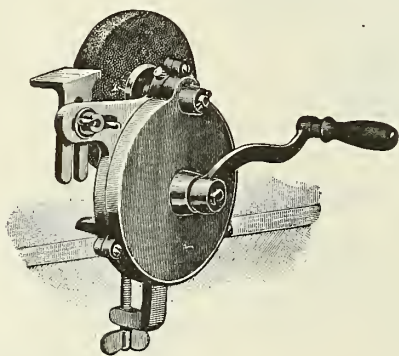
Price complete . . . . . \$7.00



**"Favorite" Cream Separators**

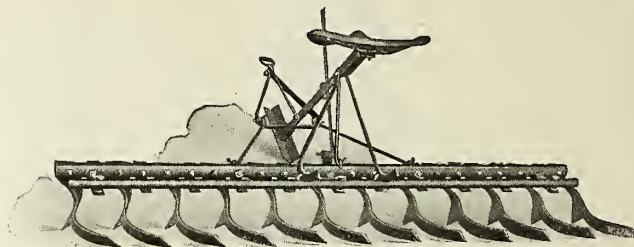
The "Favorite" Separators are made in Stockholm, Sweden, and are especially designed for the small milk producer and for family use. Thoroughly made from the finest material. Cleaning can be easily done in a moment's time. These separators have a regulator, making very even or sharp skimming. Only 70 R. P. M. are necessary, and at this speed skim evenly and with great ease, and can be regulated so that a percentage of cream (say 15%) may be obtained. Complete Instruction Manual sent with each separator.

No. 1 "Favorite," about 40 quarts per hour, net price, \$20.00  
No. 2 " " " 60 " " " 25.00

**American Grinders****American Grinders Give Universal Satisfaction**

Light and quiet running. (Each grinder runs as though mounted on ballbearings). Simple in design. Only grinder made with absolutely oil tight casing. All working parts inclosed. Every part is interchangeable. The general construction of all American grinders is powerful and pleasing in appearance. Lock screw adjustment nut for taking up slack and wear in spindle.

No. 1	Wheel 4" x 3/4"	Household Grinder,	net price each,	\$3.00
" 2	" 5" x 1"	Tool Chest	" " " "	4.00
" 3	" 6" x 1"	Repair Shops	" " " "	6.00
" 4	" 7" x 1"	Bench	" " " "	8.00
" 20	Mowing Machine	Grinder	" " " "	5.00

**ACME Pulverizing Clod Crusher Harrow and Leveler****No. 17. 6 1/2 Foot, Cut Rigid Frame, 2 Horse, Standard Type**

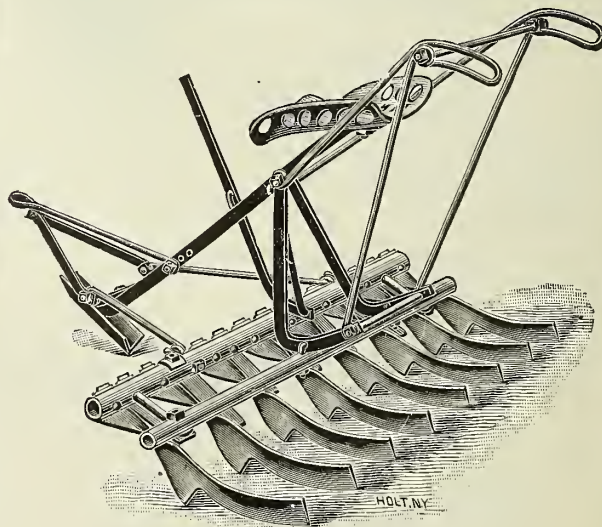
A general purpose Harrow for the farm, the truck farm or the orchard. The man who owns an "Acme" is completely equipped for the preparation of perfect seed-beds after plowing regardless of the character of soil he has to work. Everything that a Harrow ought to do, the "Acme" does.

It cuts, crushes, turns, smooths and levels, all in one operation. The shape of the coulters permits trash and sod turned under by the plow to remain beneath the surface, adding a valuable fertilizer to the soil. Other Harrows tear this up and permit it to waste on the surface.

It is made entirely of steel and iron, is practically indestructible, and such repairs as may be necessary after long use, as new coulters, may be had at a minimum cost.

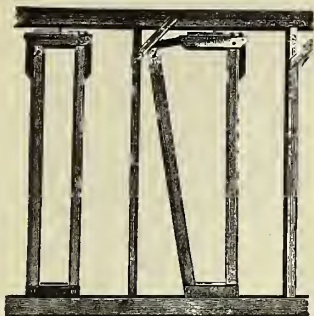
Size	Width	Description	Standard	XL
G	3 ft. 0 in.	1 Horse	\$12.00	\$12.85
H	4 " 4 "	1 "	18.00	19.15
17	6 " 6 "	2 "	21.00	22.70
23	6 " 6 "	2 "	24.00	25.70
26	8 " 6 "	2 "	27.60	29.80
25	Extension	2 "	30.00	31.70
28	10 ft. 4 in.	3 "	39.00	41.80
24	13 " 6 "	4 "	52.50	55.90
27	17 " 6 "	4 "	60.70	65.20

X L Series Harrows. Same sizes as regular Harrows, but equipped with X L coulters which are longer, overlap and have more flare. Ideal for killing small weeds as the whole surface is cut over; also extensively used for summer fallowing

**Size H. 1 Horse, 4 ft. 4 in. Cut**

We have sold the "Acme" Harrows for many years, and customers who have worn out their second Harrow tell us that they can find no other Harrow that will do the work of the "Acme" in preparing the ground for seeding. Nos. G, H and 17 standard type from Boston stock.

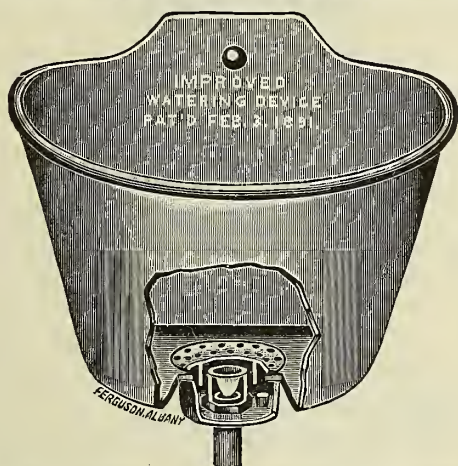


**Breck's Improved Swing Stanchion**

This Stanchion gives as perfect freedom to cattle as it is possible to have and have them fastened at all. The cattle when standing can lap themselves as when loose, and when lying down they can rest the head upon the body as when in pasture.

Thousands are in use. Every dairyman who has used them approves them and adopts them exclusively.

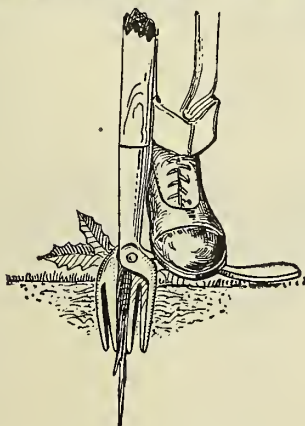
Our net price, each, \$1.75

**Buckley's Patent Watering Device**

The above illustration shows the general application of this system, but a brief description will be necessary to demonstrate its **importance, usefulness and simplicity**. On application we will mail descriptive catalog with testimonials. etc.

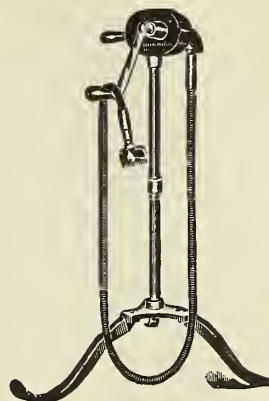
No. 2 Stanchion Basin, with Valve (18 lbs.)

Our net price, each, \$1.50

**Simplex Automatic Weed Puller**

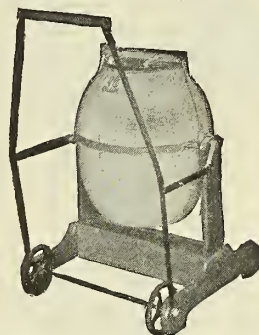
You will find it a pleasure to weed your lawn with the Simplex Automatic Weed Puller. "It pulls 'em out by the roots, they can't come back." It's guaranteed. (4 lbs.)

Our net price, each, \$1.00

**Clipping and Shearing Machines**

If properly stabled, well fed, carefully groomed, and clipped in season, a horse will continue in good health and appearance. His value will not impair and he will do good work. Whether you own but 5 sheep or 5000, you cannot afford to overlook the merits of the sheep shearing machines. Machine shorn wool brings the highest price because the machine gets the wool that is next to the skin and that is the best wool of the whole fleece. Hand shears always leave this wool on.

No. 1 Stewart Horse Clipping Machines.	Our net price, \$	7.50
Sheep Shearing attachment for No. 1	" " "	7.75
No. 2 Chicago Horse Clipping Machine	" " "	10.75
No. 8 Stewart Sheep Shearing Machines	" " "	9.75
Horse Clipping Attachment (fits any Hand Power Sheep Shearing Machine)	" " "	5.50
No. 11 Stewart Knife Grinder (can be used on No. 1 and No. 8 Machines)	" " "	3.50

**Superior Sanitary Churn**

The Superior Sanitary Churn is made with the idea of furnishing the butter maker with a churn that will not absorb any moisture whatever, making it absolutely sanitary. It is very easy to wash and dry, there being no reason for placing it out in the sun to dry, or in the basement to keep it from leaking. It costs more than the ordinary churn and is worth more. The difference in price is nothing when you consider the difference in quality. The labor saved each year, the satisfaction of knowing there is nothing about your churn that will taint the butter, and that your churn will be just as sweet after use as when new. Power attachments can be furnished for the sanitary churns. Circular and prices mailed on application.

8 gallon size, complete	.	.	Our net price, each, \$	10.50
10 " " "	.	.	" " "	11.25
12 " " "	.	.	" " "	12.00
15 " " "	.	.	" " "	15.00
20 " " "	.	.	" " "	18.00



## Miller's Harness Preparations



## HARNESS OIL

No. 1, pints ( 2 lbs.)	.	.	Our net price, each, \$0.35
" 2, quarts ( 3 " )	.	.	" " " .50
" 4, gallons (11 " )	.	.	" " " 1.50

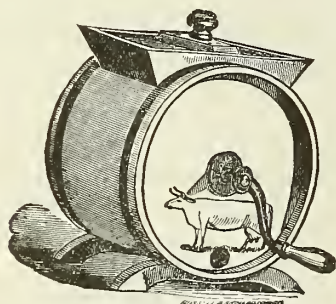
## HARNESS DRESSING

Pints ( 2 lbs.)	.	.	Our net price, each, \$0.25
Quarts ( 3 " )	.	.	" " " .50
Half Gallons ( 6 " )	.	.	" " " .90
Gallons (11 " )	.	.	" " " 1.50

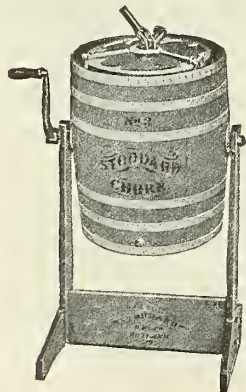
## HARNESS COMPOSITION SOAP

Small boxes (2 lbs.)	.	.	Our net price, each, \$0.25
Medium " (3 " )	.	.	" " " .50
Large " (6 " )	.	.	" " " .75

## Churns



No. o. Cylinder Churns, 1 3/4 gal. ( 8 lbs.)			Our net price, \$2.25
" 1. " " 2 3/4 " (10 " )			" " " 2.50
" 2. " " 4 " (13 " )			" " " 3.00
" 3. " " 7 " (16 " )			" " " 3.50

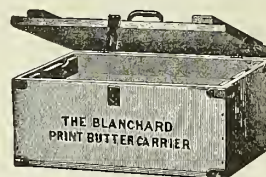


No. 1. Stoddard Bbl. Churns, 10 gal.	.	.	Our net price, \$9.00
" 2. " " 15 " .	"	"	" " " 9.50
" 3. " " 20 " .	"	"	" " " 10.75
" 4. " " 25 " .	"	"	" " " 12.00
" 5. " " 35 " .	"	"	" " " 14.00



No. 3. Blanchard Churns, 2 gal.	.	.	Our net price, \$5.00
" 4. " " 4 " .	"	"	" " " 6.00
" 5. " " 8 " .	"	"	" " " 7.00
" 6. " " 12 " .	"	"	" " " 9.00

## Butter Carriers

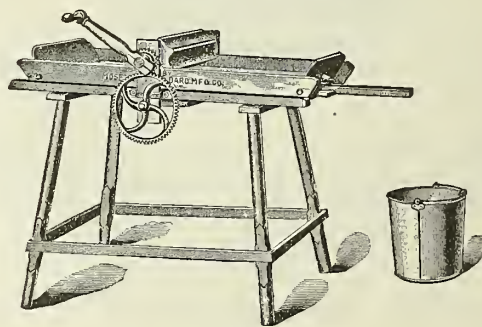


No. 6 1/2, capacity 12 lbs.	.	.	Our net price, \$2.25
" 7 " 16 " .	.	.	" " " 2.65
" 8 " 24 " .	.	.	" " " 3.00
" 9 " 32 " .	.	.	" " " 3.40
" 10 " 40 " .	.	.	" " " 3.75
" 11 " 48 " .	.	.	" " " 4.50

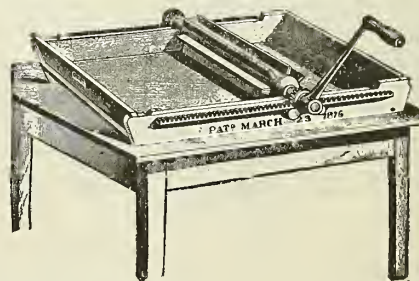
"Junior" Carriers will be fitted with galvanized iron ice boxes to fit in end of carrier, and bottom trays 4 1/2 inches shorter than above, for 75 cts. net each extra.

All carriers neatly stencilled with name of creamery or dairy without extra charge, when ordered in lots of six or more.

## Butter Workers



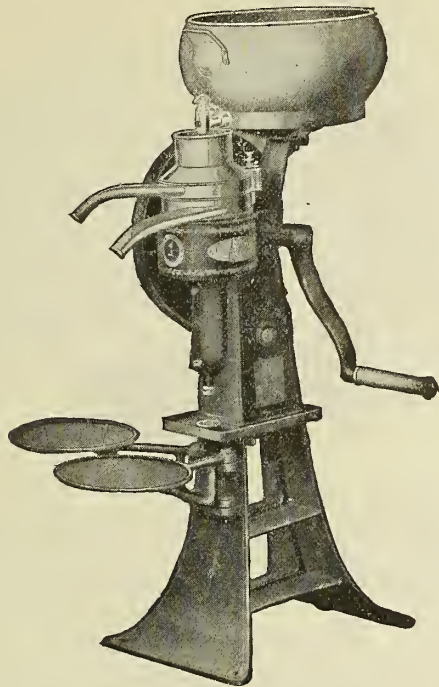
No. o. Waters' Butter Worker .	.	.	Our net price, \$7.00
" 1. " " " .	"	"	" " " 8.00
" 2. " " " .	"	"	" " " 9.00
" 3. " " " .	"	"	" " " 10.00
" 4. " " " .	"	"	" " " 12.00



No. 1. Reid's Butter Worker .	.	.	Our net price, \$9.00
" 2. " " " .	"	"	" " " 7.20
" 3. " " " .	"	"	" " " 6.30
" 4. " " " .	"	"	" " " 5.40



## De Laval Cream Separators

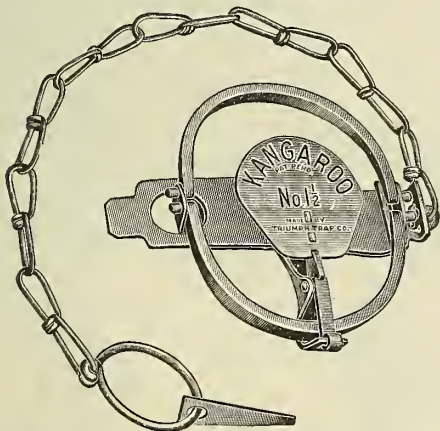


"Alpha" or "Disc" Bowl Type

De Laval Cream Separators are guaranteed to be as represented and to fulfil all the claims made for them, being sold subject to the guarantee of their unqualified superiority in every material feature of separator practicability.

Prices range from \$40.00 to \$175.00, according to capacity. Descriptive catalogues, prices, etc., mailed on application.

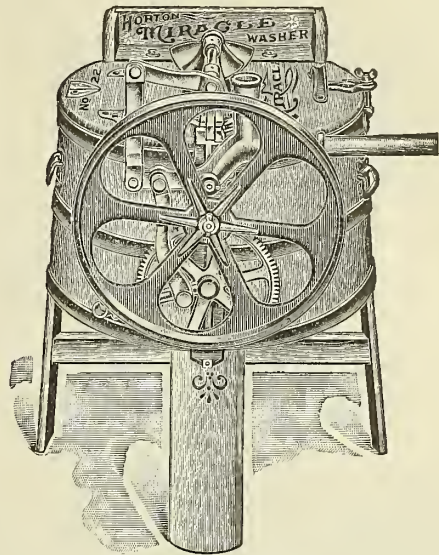
## Game Traps



Light and Durable. Prices include Chains. Equal in strength to traps of same size having external springs.

Kangaroo Rat or Gopher Trap		
No. 0.	(1 lb.)	Our net price, each \$0.20
Kangaroo Muskrat Trap		
No. 1.	(1 lb.)	Our net price, each \$0.25
Kangaroo Mink Trap		
No. 1½.	(2 lbs.)	Our net price, each \$0.35
Kangaroo Fox, Skunk or Coon Trap		
No. 2.	(2 lbs.)	Our net price, each \$0.50

## Clothes Washers



No. 22 Miracle Washer

Peerless Water Motor Washer.

No. 30. . . . . Our net price, each \$15.00

Miracle Washer. Can furnish with pulley for power.

No. 22. . . . . Our net price, each \$12.00

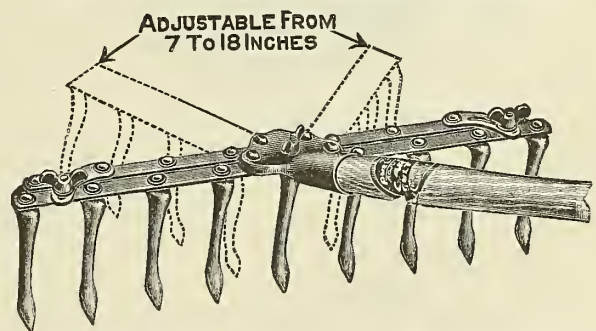
Combination Washer. A combined washing and wringing machine for gasoline engine power.

No. 25. . . . . Our net price, each \$25.00

Electric Washer. Comes all ready for use. Simply attach plug to electric light socket. Can be used with hand lever if necessary.

No. 26. . . . . Our net price, each \$50.00

## The "Pull Easy" Garden Cultivator



This Garden Cultivator is absolutely new. What is more, it is "the handiest little Garden Tool that ever sunk its teeth into Mother Earth." If you are among the army of early risers who faithfully tend a little patch of green things in the back yard—if you own a small farm, or till the soil in a few outlying acres of "truck" you will find this Adjustable Cultivator a valuable aid in doing your work swiftly and thoroughly. Every part is of the best material, the teeth are drop-forged steel, set in an indestructible plate. The handle is perfectly smooth, of straight-grained, tough white ash.

Pull Easy Hand Cultivator	(10 lbs.)	Our net price, each	\$1.25
" " Wheel	" (25 lbs.)	" " " "	2.25
" " Junior	" (6 lbs.)	" " " "	.60
" " Weeder	" (6 lbs.)	" " " "	.50



## Stable Fittings

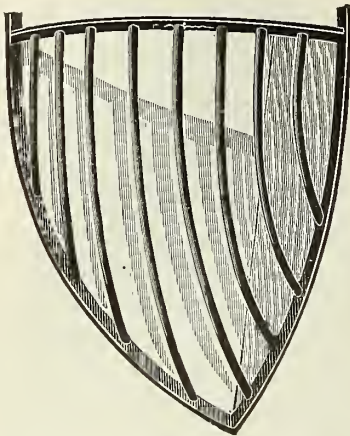
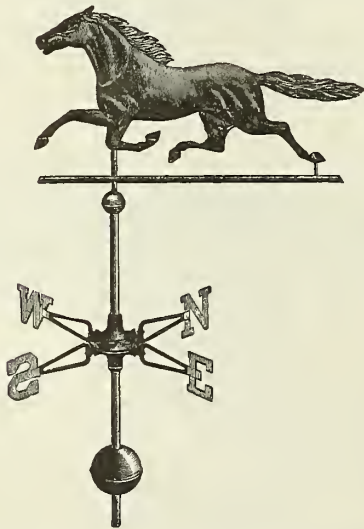


Fig. 182A	Wrought Iron Hay Rack .....	each	\$2.00
Fig. 180A	Corner Rack .....	"	2.75
Fig. 210A	Gutter .....	per ft.	1.00
Fig. 247A	Half Circle Water Trough .....	each	13.75
Fig. 197A	Slow Feed Manger .....	"	2.00
Fig. 188A	Corner Manger, 15½ x 15½ .....	"	1.70
	Corner Manger, 17 x 17 .....	"	1.75
Fig. 245A	Side Wall Trough .....	"	8.25
Fig. 254A	Harness Hook (10 lbs.) .....	"	.60
Fig. 262A	Whip Rack (2 lbs.) .....	"	.55
Fig. 198A	Salt Dish (7 lbs.) .....	"	.40
Fig. 276A	Soap Dish (2 lbs.) .....	"	.35
Fig. 225A	Cess Pool, 6 x 6 .....	"	1.10
	Cess Pool, 9 x 9 .....	"	1.50
	Cess Pool, 12 x 12 .....	"	2.50
Fig. 235A	Vault Cover and Frame (18 in.) .....	"	3.50
	Vault Cover and Frame (20 in.) .....	"	4.50
	Vault Cover and Frame (30 in.) .....	"	9.50

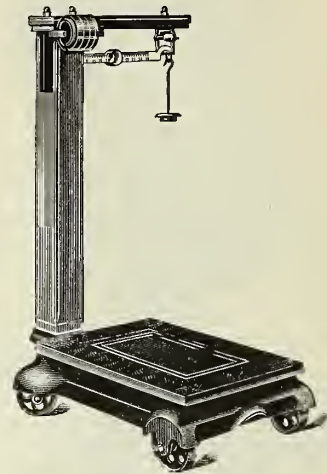
Complete Catalog of Stable Fittings mailed on application.

## Weather Vanes



Our vanes are made entirely of copper, gilded with 23-karat gold leaf. They will not corrode or discolor, but remain bright and clean for many years. The price of each vane includes Wrought Iron Spire, Cardinal Points, Letters and Two Balls. Ask for Weather Vane Catalog—contains illustrations of more than seventy-five designs. Mailed free.

## Scales



This illustration shows the new Cyclo Ball Bearing Swivel Wheel Portable Scale which is constructed with two swivel or castor wheels at the front. This novel construction enables the operator to move the scale in any direction.

## Platform Scales

No. 87	Cyclo, Single Beam ....	600 lbs.	Net price	\$19.00
No. 87	Cyclo, Double Beam ....	600 lbs.	"	22.00

## Union Platform Scales

No. 650	Ak-u-rate .....	244 lbs.	Net price	\$7.00
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## Forschner Folding Scales

			Net price
No. 4520	20 lbs. x 1 oz. without Glass (4 lbs.)....		\$2.50
No. 5520	20 lbs. x 1 oz. with Glass (4 lbs.)....		2.75

## Milk Scales

No. 68 M. D.	30 lbs. x 1/10 lb. ..(5 lbs.)	Net price	\$3.25
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## Family Scales

No. 200S	Steel Top .....	(5 lbs.)	Net price	\$1.50
No. 203S	Tile Top .....	(5 lbs.)	"	1.90
No. 202S	Steel Top, Tin Scoop..	(6 lbs.)	"	1.70
No. 204S	Steel Top, Br. Scoop..	(6 lbs.)	"	2.10

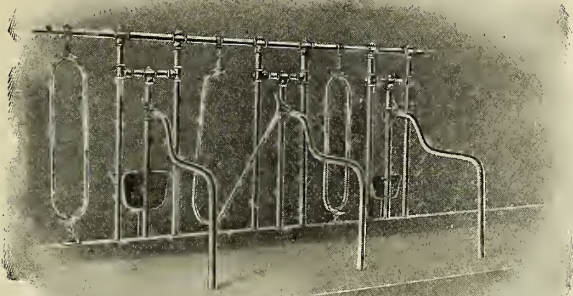
## Myers Brass Cylinder House Pump



These Pumps have 3-inch brass cylinders, glass valve seats. Fitted for 1¼-inch pipe, either lead or iron. No solder necessary. Goggear reversible handles.

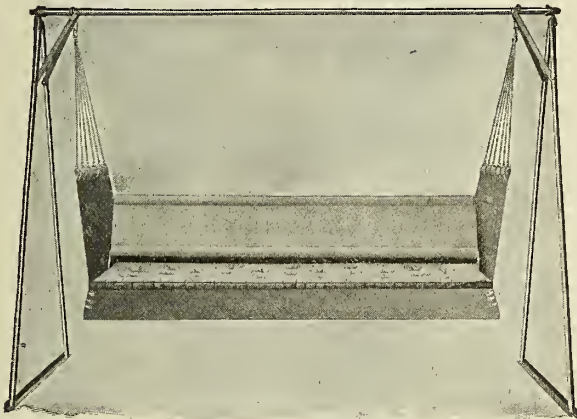
			Net price
Fig. 1463	No. R245	Myers House Lift Pump.....	\$5.50
Fig. 1384	No. R251	Myers House Force and Lift Pump .....	8.00
Fig. 1366	No. R220	Myers Pitcher Pump .....	5.00
Fig. 911	Cock Spouts fitted on No. R251 .....		1.00



**Porter Sanitary Barn Equipment**

The cleanliness, convenience, and comfort of Porter Equipment will swell your dairy dividends. The better care you give your cows, the better they will pay you. Stable them in light, clean, comfortable, sanitary quarters and they'll require less feed, keep freer from disease, produce more milk, with a higher percentage of butter fat, and your milk and butter will bring top notch prices. These are facts proved over and over again in the experience of successful dairymen who are using Porter Litter Carriers, Feed Carriers, Stalls and Stanchions. Porter Equipment in your barn will mean a big boost for extra profits, for it's built with practical common-sense understanding of the care the Dairy Cow needs for best results. It keeps the stalls clean, prevents waste of feed and manure—gives your cows the best chance to show what they can earn for you.

Descriptive Catalogues and Price Lists mailed on application

**Breck's Couch Hammock**

The "Sam-O-Set" is undoubtedly the most comfortable and durable couch hammock made (see cut). All the undesirable features of the ordinary hammock eliminated. Frame, steel tubing and angle steel. Bottom, diamond fabric. Mattress, 4-inch box, soft top and bottom covered with duck, tufted. Hammock, 12-oz. khaki duck. Magazine pocket in end. Luxury adjustable back. Ropes and hooks for hanging.

"Sam-O-Set" No. 75,	Our net price	.	.	\$16.00
"Mayflower" No. 120,	" " "	.	.	14.00
"Bungalow" No. 65,	" " "	.	.	8.75
Awning Striped	" " "	.	.	8.75
Roller Awning "Khaki"	" " "	.	.	6 25
Folding Stand, Angle Iron	" " "	.	.	4.75
" " " Tubing	" " "	.	.	5.25
Child's Hammock Complete	" " "	.	.	16.00

**Iwan's Post Hole Auger**

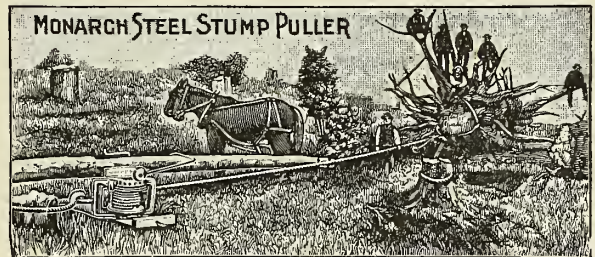
This is the only auger that has met with universal satisfaction under all conditions of soil. It is effective in operation, and unexcelled for easy and quick work; no suction when removed from the hole.

An operator can do three times as much work as with any other auger or digger now in use. The condition of the ground makes no difference. Whether wet or dry it simply gets there every time.

Total length of 12 and 14 inch sizes, 6 feet. All other sizes 4 feet.

Sizes inches	3	4	5	*6	*7	*8	*9	*10	12	14
Our net price, ea.	2.15	2.15	2.15	2.15	2.25	2.25	2.50	2.75	7.20	9.00

Sizes marked \* carried in stock

**Monarch Steel Stump Puller**

The most complete and most successful, most powerful and thoroughly up-to-date line of Steel Stump Pullers ever offered to the public. More Monarch Steel and Iron Stump Pullers are now at work and sold every year than all the rest combined.

Descriptive circulars, prices, etc., on application

**Ruberoid Roofing**

**RUBEROID**  
TRADE MARK REGISTERED

Ruberoid Roofing has been the standard prepared roofing for twenty years.

Ruberoid Roofing is ready to apply when sold. With each roll we supply sufficient nails, tin caps and cement for laying. No experience is required to apply it.

Outlasts tin, iron or shingles. Lives indefinitely with but ordinary care. Use Ruberine Paint—Ask for Prices.

	Our net price
$\frac{1}{2}$ ply, per sq. or 100 sq. ft.; weight, $\frac{1}{2}$ ply 26 lbs. per sq.	per sq. \$2.25
1 " " " 100 " " 1 33 " " "	" " 2.75
2 " " " 100 " " 2 " 44 " " "	" " 3.75
3 " " " 100 " " 3 " 54 " " "	" " 4.50

Circulars and samples mailed on application.

**"Imp" Rigid Shingles**

Made by the Manufacturers of Ruberoid Roofing.

These shingles are fire resisting, lighter than slate and more durable than the best wooden shingles. They measure 8 x 12 $\frac{3}{4}$  inches. 360 shingles cover one square (100 sq. ft.) and are packed 90 shingles in a bundle. Gray or Slate color.

Net price per square (360 shingles) . . . \$9.00

Price on Red Shingles on application.



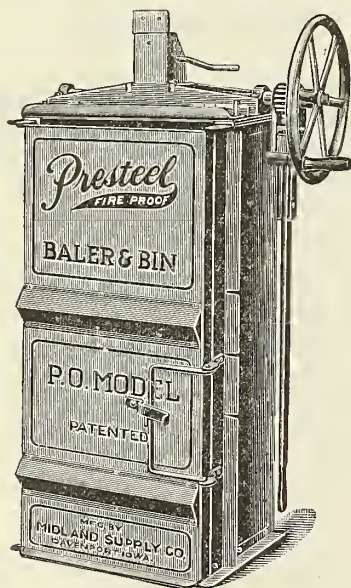
**Self-Setting Mole Trap**

Simplest, safest and surest mole trap made; all steel, heavily tinned. Our net price, each (4 lbs.) . . . \$1.00

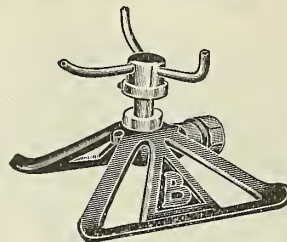
**Everwear Lawn Sweeper**

For sweeping lawns, walks, golf grounds, etc.

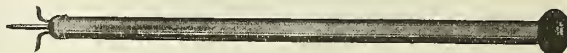
24 inch . . . . .	Our net price, each, \$14.00
28 " . . . . .	" " " 15.00
28 " Special for golf greens . . . . .	" " " 18.00

**Presteel Paper Baler**

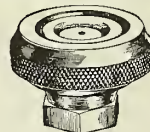
Don't think you don't have waste paper enough to make a baler pay. There is not a grocery, dry goods, hardware, clothing or practically any retail or wholesale store that does not average twenty-five pounds per day, and when you commence to bale it you will quickly realize this. Every Presteel Baler is covered by an unusually strong guarantee against breakage, wear, getting out of order, etc. Bales weigh from 125 to 150 lbs. each.  
Net price each . . . . . \$48.00

**Rainfall Sprinkler**

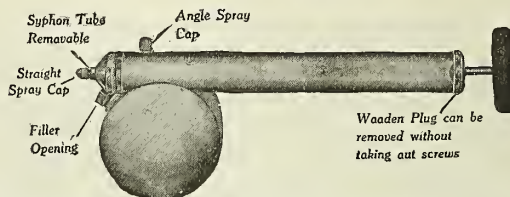
The Rainfall Sprinkler meets the demand for a watering device that will cover large areas, at the same time distribute water evenly and eliminate clogging. Nothing better. Try it.  
Our net price, each (3 lbs.) . . . . . \$2.00

**Erado Weed Killer**

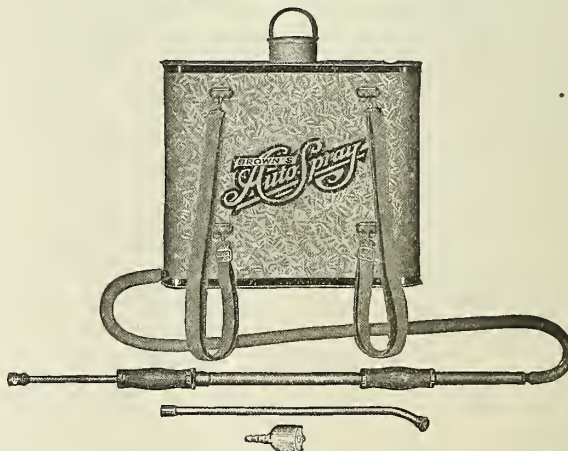
Try Erado. It is guaranteed. If it is not entirely satisfactory you can return this implement for the full purchase price.  
Erado, solid brass (6 lbs.) . . . . . Net price, each, \$1.50

**Non-Clog Jr. Nozzle**

Straight or 45° angle. Our net price, each (1 lb.) . . . \$0.60

**Auto Spray No. 37, Continuous Atomizer**

Handles all solutions, insecticides and disinfectants; capacity, 1 quart. No. 37, all tin, 2 nozzles (2 lbs.); net price, each, \$0.80

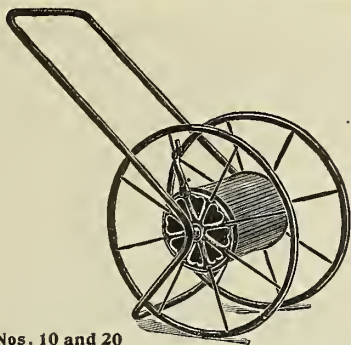
**Auto Spray No. 5**

The Auto Spray No. 5 is a double action continuous stream pump, making it an ideal, all purpose, land sprayer.

Auto Spray No. 5 Pump . . . . .	Our net price, \$4.50
Extensions . . . . .	" " .50
Galvanized Knapsack . . . . .	" " 3.00



## All Iron Park Hose Reels



Nos. 10 and 20

To meet the demand for Hose Reels having a larger capacity than the ordinary reels which carry from 50 to 100 feet, we have selected the Park Reels as being the most suitable.

No.	Height of Wheel Inches	Capacity ¾-in. Hose Feet	Net Cash Price
10	21	100	\$3.25
20	24	150	3.75
21	28	200	7.25
31	34	500	10.50
90	34	500	11.50
100	36	600	16.00

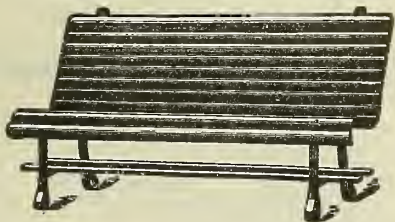
## Mehler Practical Garden Tools



These are the invention of a practical amateur gardener, who has spent much time and labor in perfecting them. Each tool is fitted for particular work and performs the same to perfection.

Handy Gardener, (3 lbs.)	Net price,	. . .	\$1.00
" Hoe, (5 lbs.)	" "	. . .	1.25
" Edger, (5 lbs.)	" "	. . .	1.25
" Scraper (8 lbs.)	" "	. . .	1.25

## Park and Lawn Settees



**Boston Park Settee.** This style of settee is being adopted by all large cities, it being especially adapted to use in parks and public grounds.

Mfrs. price, each . \$10.00 Our net price . \$9.00

**Extra Heavy Lawn Settee.** The extra heavy lawn settee has a heavy iron frame, the ends being bolted together with iron rod. Seat and backs are made from best quality stock.

48 in. long. . Mfrs. price, per doz., \$96.00.

Our net price, each . \$7.00

**Folding Lawn Settee.** Our folding lawn settees are made from hardwood. Painted vermilion.

Our net price, each . \$1.25

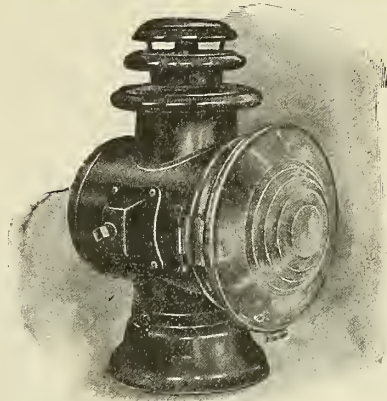
## Scythes



Breck's "Victor," Warranted (5 lbs.)	Our net price, each,	\$1.25
High Grade, Solid Steel (5 lbs.)	" " " "	1.00
Sibley Clipper (5 lbs.)	" " " "	.90
Heavy Bush (5 lbs.)	" " " "	.90
Weed or Bramble (5 lbs.)	" " " "	.90

Hay Rakes and Scythe Snaths at lowest prices.

## Dietz Lamps and Lanterns



The name "Dietz" has been a lantern guarantee for three generations.

"Octo" Driving Lamp, plain (4 lbs.)	each,	\$2.75
" " " optical (illustrated) (4 lbs.)	"	3.00
Monarch No. 6 Lantern (3 lbs.)	"	.50
Blizzard No. 2 " (4 lbs.)	"	1.00
Globe Hanging Lamp No. 3	"	5.50
" Street " No. 3	"	5.00
D-Lite Lanterns, Short Globe (4 lbs.)	"	1.00
Buckeye Dash Lamp (3 lbs.)	"	.75

## Carriage Jacks



## NEW SAMPSON JACKS

For all kinds of heavy trucks, fire engines, etc. Strongest Jack made. Lowers automatically. Made of the best quality malleable iron.

No. 5.	Will raise vehicle weighing 6 tons (28 lbs.)	. \$5.00
" 6.	Will raise vehicle weighing 8 tons (32 lbs.)	7.00
" 1.	Standard, light carriage (11 lbs.)	Our net price, 1.25
" 2.	" light wagon (16 lbs.)	" " 1.75
" 3.	" heavy wagon (25 lbs.)	" " 2.25

## Ruddy Harvester Oil

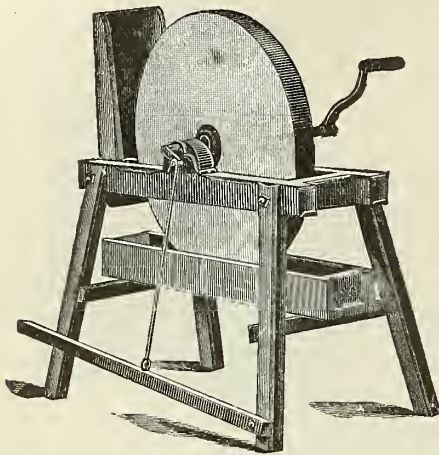


Ruddy Harvester Oil is made especially for mowing machines, reapers and other kinds of farm machinery, and has never failed to give satisfaction.

1 qt. cans. (3 lbs.)	. . .	Our net price, each	\$0.35
½ gal. cans (5 lbs.)	. . .	" " " "	.60
1 " " (9 lbs.)	. . .	" " " "	1.00
5 " "	. . .	" " " "	2.50



## Mounted Grindstones



## NOVA SCOTIA

Only the most carefully selected Bay de Chaleur stones are used. Best quality hardwood frames.

## OUR NET PRICES:

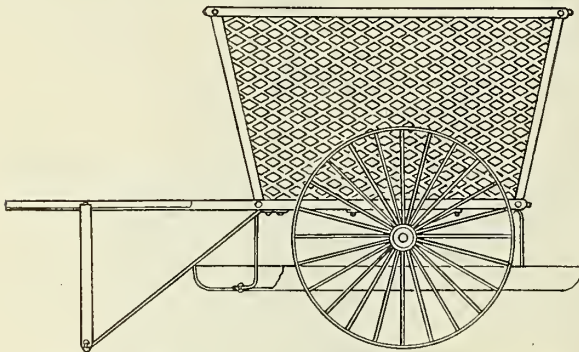
20-in. \$10.65, 22-in. \$11.75, 24-in. \$11.90, 26-in. \$12.50, 28-in. \$13.15, 30-in. \$13.75, 32-in. \$15.00, 34-in. \$16.25, 36-in. \$17.50

## WESTERN

Best quality Western stones. Strong, durable frames.

Samson No. 1	each, \$5.00
" No. 2	" 4.80
" No. 3	" 4.25
Sterling (Bi Pedal)	" 6.00
Empire (for power)	" 12.00

## Dolen's Refuse, Waste and Leaf Burner



A portable steel furnace for the rapid and convenient destruction of all leaves, refuse and waste matter.

In reality a two-wheeled hand cart (for which purpose it can be used), made of strong steel angle iron and heavy steel netting, which is fireproof and guaranteed not to burn out.

Is fitted with broad tired wheels, which enables it to be pulled along with the cleaning-up squad on lawns or soft ground without injury. A strong steel pan is fitted under the axle which catches all the fire and ashes as they fall through the bottom. This pan can be easily emptied as needed.

The unsightly burned spots on lawns and black streaks of ashes on paths and drives is done away with and all danger of fire eliminated.

Against the cost of hauling the leaves and rubbish to a convenient spot for burning, the leaf burner will pay for itself twice over in one season.

A number are already in use in public and private places, and the names of satisfied customers will be gladly supplied if desired.

Capacity, 1 cubic yard.	Net price	\$32.50
" $\frac{3}{4}$ "	"	24.00
" $\frac{1}{2}$ "	"	12.00

Larger sizes can be made to order. F. O. B. Factory, Tarrytown, N. Y.

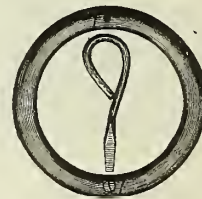
## Colonial Cow or Team Bells



Can you imagine a prettier rural scene than the sight of a herd of cows as they come trooping home from the pasture at the close of a summer's day, with the favorite heifer, the pride of the herd, leading? Don't you think she deserves to be adorned with a bell, one worthy the name?

No. 22, 4 inch diameter (2 lbs.)	Our net price	each, \$0.75
" 32, 4 $\frac{1}{2}$ " " (3 " )	"	" 1.00
" 42, 5 " " (4 " )	"	" 1.25

## Bull Rings



Copper, 2 in., best quality (1 lb.)	each, \$0.35
" 1 $\frac{1}{2}$ in., " (1 " )	" .40
" 3 " " (1 " )	" .45
Bronze Metal, 3 $\frac{1}{2}$ in., extra heavy (1 lb.)	" 1.25

## Veterinary Supplies



No. 6525 Bull Punch	each, \$1.50
" 7058 Yale Milk Fever Outfit	" 3.50
" 12N Dose Syringe	" 2.00
" 345B Veterinary Thermometer	" 1.50
" 7035 Boston Teat Lance	" 1.75
" 7025 Self Retaining Milk Tube	" .25
" 7020 Plain Milk Tube	" .20
" 7030 Teat Dilators or Plugs	" .25
" 7070 Plain Teat Slitter	" 1.25
" 7065 Three Ring Teat Slitter	" 2.00

Sent by mail, postage paid, on receipt of price.

## Rice's Calf Weaner

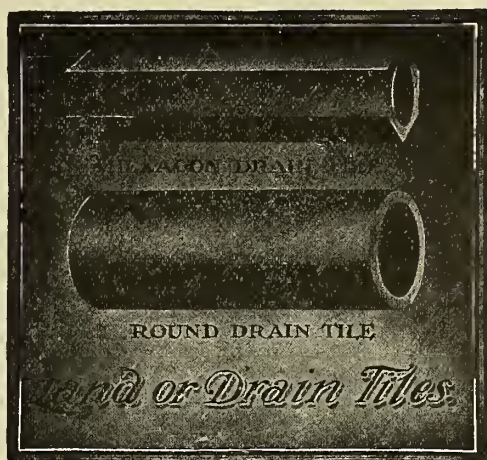


For preventing calves and cows sucking themselves or each other. The only weaner made giving freedom to the animal.

No. 1 for calves (3 oz.)	each, \$0.30
" 2, 1 to 2 years (1 lb.)	" .50
" 3, for full grown (1 lb.)	" .75



## Land or Drain Tile

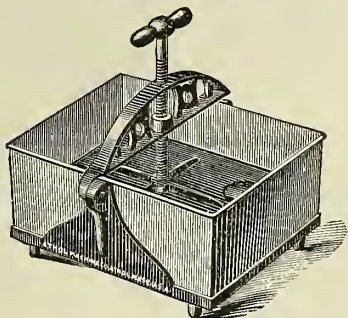


Authorities all agree that it is economy to buy a good grade of drain tile, a grade that the frost and thaw will not disintegrate. We are ready to offer this grade as the factory which supplies us is said to be the most complete drain tile plant in this country.

Hexagon Tile is especially recommended.

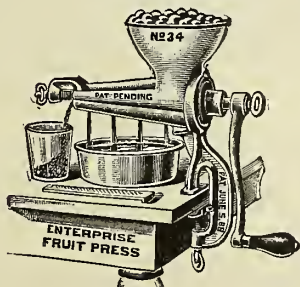
Inside Diameter	Weight Per Foot	No. Feet In Carload	Price Per 1000 Feet
2 in.	3 lbs.	12,000	\$ 30.00
2½ "	3½ "	9,000	35.00
3 "	4½ "	7,000	43.50
4 "	7 "	5,000	62.00
5 "	10 "	3,000	93.00
6 "	13 "	2,500	120.00
8 "	21 "	1,500	200.00
10 "	25 "	1,200	300.00
12 "	35 "	900	400.00

## Meat Press



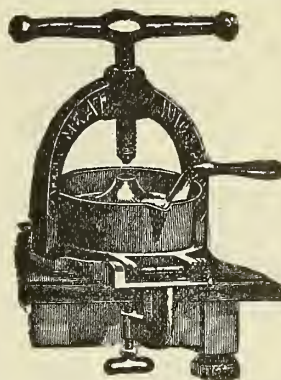
No. 1.	6 x 9 x 4 (9 lbs.)	.	.	Net price, each, \$2.50
" 2.	8 x 12 x 5 (15 lbs.)	.	.	" " " 3.50
" 3.	10 x 14 x 16 (19 lbs.)	.	.	" " " 4.50

## Fruit Press



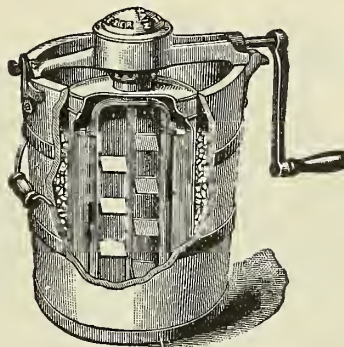
No. 34.	Family (15 lbs.)	.	.	Net price, each, \$ 4.00
No. 46.	" (40 lbs.)	.	.	" " " 20.00

## Meat Juice Press



No. 1C	Infant (3 lbs.)	.	.	Net price, each, \$1.00
" 2C	Family (5 lbs.)	.	.	" " " 1.50
" 2B	" (8 lbs.)	.	.	" " " 2.00
" 3B	" (10 lbs.)	.	.	" " " 3.50

## White Mountain Ice Cream Freezer

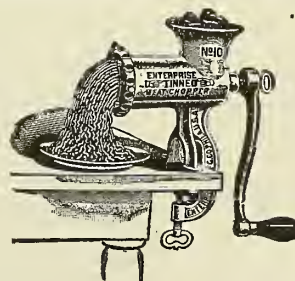


There is no feature of merit in any freezer made that has not been embodied in the "White Mountain."

## OUR NET PRICE LIST:

Capacity	2-Qt.	3-Qt.	4-Qt.	6-Qt.	8-Qt.	10-Qt.	12-Qt.
Price	\$2.50	\$2.90	\$3.50	\$4.25	\$5.60	\$7.15	\$9.15
	(14 lbs.)	(15 lbs.)	(19 lbs.)	(28 lbs.)	(30 lbs.)	(33 lbs.)	

## Enterprise Meat Choppers



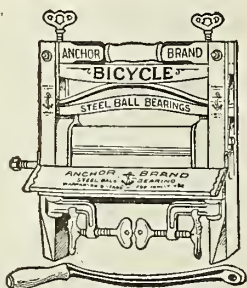
All Enterprise Choppers thoroughly tinned

No. 5.	With Clamp (6 lbs.)	.	.	Our net price, \$2.00
" 10.	" (10 lbs.)	.	.	" " " 3.00
" 20.	" (18 lbs.)	.	.	" " " 6.50
" 12.	Legs (11 lbs.)	.	.	" " " 2.75
" 22.	" (15 lbs.)	.	.	" " " 5.00
" 32.	" (20 lbs.)	.	.	" " " 6.50

Descriptive catalogue of Enterprise goods mailed on application.



## Clothes Wringers



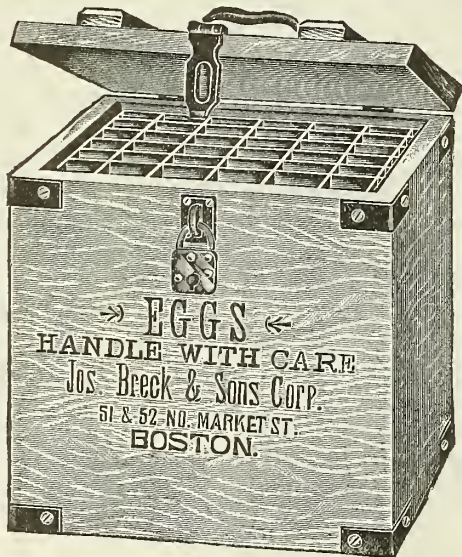
## Wood Frame

Name	No.	Weight (lbs.)	Length of warrant	Our net price each
Bicycle	No. 770	(19 lbs.)	3 years	\$4.25
"	" 771	(19 " )	3 "	4.75
"	" 770B	(19 " )	3 "	6.00
Brighton	" 630B	(19 " )	1 "	4.50

## Iron Frame

Pioneer	No. 22	(16 lbs.)	1 year	\$3.50
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## Breck's Private Express Egg Case



No more broken or exchanged eggs. Made of  $\frac{3}{4}$ -inch stock, heavy japanned iron corners, with brass lock and two keys.

6 dozen (12 lbs.)	Our net price, each,	\$2.50
9 " (15 " )	" " "	2.75
15 " (19 " )	" " "	3.00

## EXTRA FILLINGS. Net Price Per Set.

6 doz. (3 lbs.) 15 cts.; 9 doz. (4 lbs.) 15 cts.; 15 doz. (5 lbs.) 15 cts.

## Breck's Egg Carrier

The Breck's Egg Carrier is made of pine, light and durable, locked corners, handsomely painted, japanned iron drop handle, brass hook and pasteboard cartons.

3 dozen (3 lbs.)	Our net price, each,	\$0.55
5 " (4 " )	" " "	.70
8 " (5 " )	" " "	.85
10 " (8 " )	" " "	1.00
12 " (10 " )	" " "	1.15

## EXTRA FILLINGS. Net Price Per Set.

3 doz. (1 lb.) 3 cts.; 5 doz. (2 lbs.) 6 cts.; 8 doz. (2 lbs.) 8 cts.; 10 doz. (3 lbs.) 12 cts.; 12 doz. (3 lbs.) 12 cts.

## Economy Jar

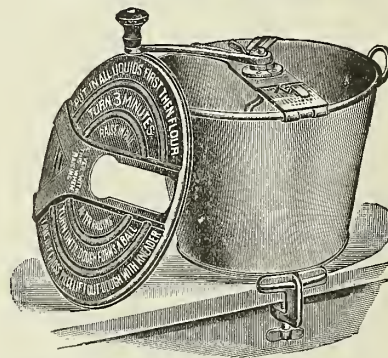


For preserving fruit, vegetables, meats, fish, game, etc. No rubber rings, sure seal, air tight, cannot leak. Stays sealed for years.

Pints	Per doz.,	\$1.10
Quarts	" "	1.20
$\frac{1}{2}$ gallons	" "	1.50
Extra caps	" "	.25
Extra springs	" "	.15

Jars in dozen lots, price on application.

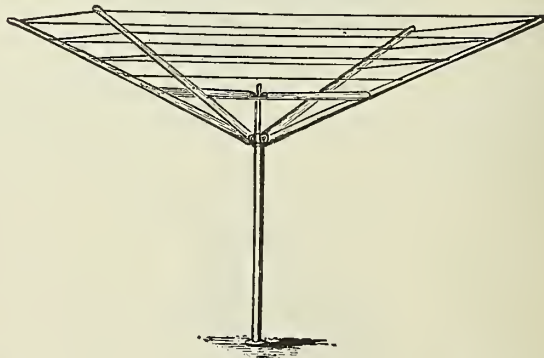
## Universal Bread Maker



No 4.	4 loaves (10 lbs.)	\$2.50
" 8.	8 " (12 " )	3.50

## Breck's Outside Clothes Dryers

(See illustration)



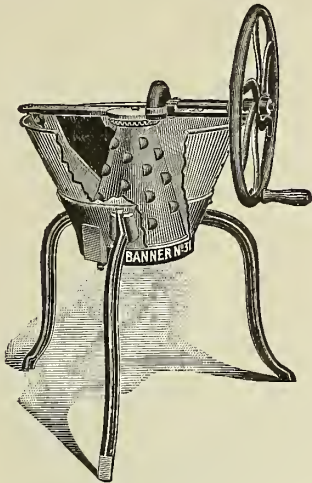
I. X. L.	No.	Length	Material	Our net price
No. 45	110 ft. line	japanned trimmings	Each,	\$3.75
" 46	150 "	" "	"	4.00
" 49	110 "	Galvanized	"	4.00
" 50	150 "	" "	"	4.25

## Bay State Outside Clothes Dryer

Bay State Cedar Post, Arms 8 to 10 feet long. Painted green, each, \$8.00



## Banner Root Cutter No. 31

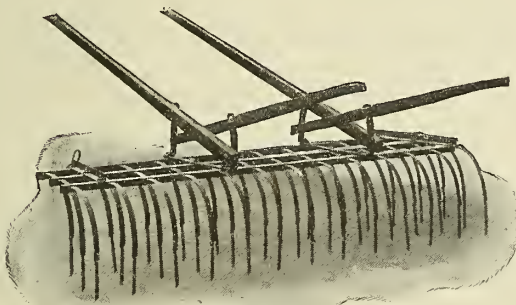


Made entirely of iron and steel. A positive feed — it must cut. The roots cannot get away from the knives. It has 19 gouge-shaped steel knives, fastened to the inside with two bolts to a cast iron cone-shaped drum. They project through the round openings in the drum about  $\frac{3}{4}$  of an inch, and every time the drum turns around once, the knives hit and cut the roots 19 times. The drum is driven by gear wheels with the power in favor of the operator, so it makes an easy running Root Cutter, with good capacity. The hopper is 24 inches in diameter at the top, 11 inches at the bottom, and 16 inches deep.

No. 31. For hand power	. . .	Our net price, \$15.00
No. 31. For engine power	. . .	" " " 17.00
Extra knives, per set	. . .	" " " 1.50
Extra bolts, per set	. . .	" " " .80

Capacity, 45 to 125 bushels per hour.

## Walking Weeder



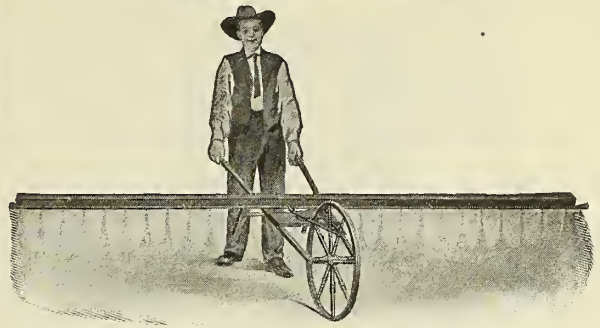
Simple in construction, but nevertheless carefully designed, and embodies features that distinguish this tool from other weeders. Best material used throughout. Shafts fasten to front tooth bars, and handles fasten to front of frame.

Our net price . . . . . \$13.50

Can also furnish Two-Horse Riding Weeders.

Descriptive circular and price on application.

## Thompson Grass Seeder

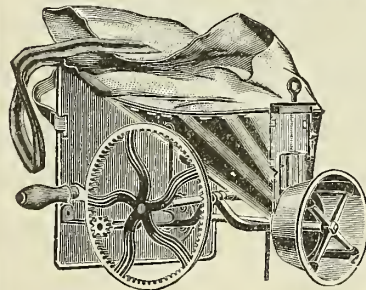


This seeder is arranged to sow all chaffy seeds such as red top, orchard grass and blue grass, and all seeds like timothy, hungarian and clover, in any quantity from 6 to 40 quarts to the acre, mixed or separate. The hopper being carried close to the ground, the sowing is not affected by the wind.

No. 5 Seeder, complete, with 14-ft. hopper. Our net price, each . . . . . \$9.00

No. 4 Grain Hopper only, to use instead of regular Hopper. Our net price, each . . . . . 5.00

## The Cahoon Broadcast Seed Sower



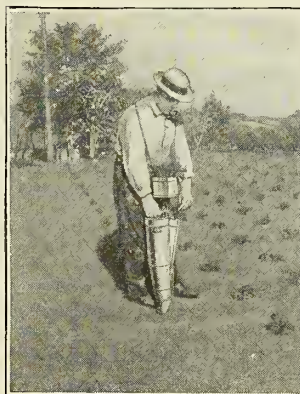
For sowing Grass Seed and all kinds of Grain from 4 to 8 acres per hour. At common walking gait will throw wheat 40 feet.

The acknowledged superiority of these machines has placed them in the front rank of labor-saving agricultural implements. A saving of four-fifths of

the labor and one-third of the seed is effected by their use, and a person entirely unused to sowing by hand can use this machine with perfect success. They are warranted to give perfect satisfaction and to save their cost in less time than any other farm implement, and with ordinary care will last many years.

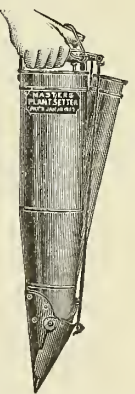
Our net price, each (3 lbs.) . . . . . \$3.50

## Masters Rapid Plant Setter



Here it is. The tool that truck growers have wanted for years. The MASTERS RAPID PLANT SETTER is the ideal tool for transplanting Cabbage, Tobacco, Sweet Potato, Cauliflower, Tomato, Strawberry, and all similar plants.

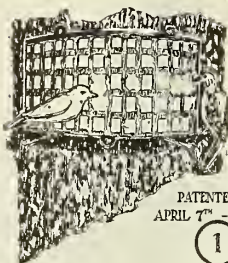
Each plant is put into the ground just the right depth, set, watered and covered



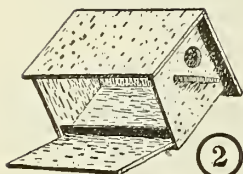
in *one operation*. NO STOOPING AND NO LAME BACKS. Saves labor, does perfect work and more than three times as fast as can be done by hand. Will set plants in dryest weather and get a perfect stand. Thousands in use. No up to date Grower can afford to be without one. Satisfaction guaranteed or your money back. Price, \$4.50 delivered to you.



## BIRD HOUSES

PATENTED  
APRIL 7<sup>th</sup> -14

①



②



③

PATENT  
APPLIED  
FOR

## Save the Wild Birds

And you'll actually save money for yourself! Every year the farmers and fruit growers of this country spend millions more of YOUR money than they ought to. They allow countless hordes of harmful insects to levy a tremendous tax, and it comes right out of your very own pocket!

Your help will lead to your family's help, your friend's help, your neighbor's help. All of that is needed. Get White's "Suet" Feeding Basket (No. 1) and an "All-in-One" Bird House (No. 2). If you have a bird house now, equip it with the "Three-Hole" Entrance (No. 3).

Whatever care and protection you provide for the valuable songsters will be amply repaid by the pleasure you derive from the "good work."

Special pamphlet on request.

## ANNUAL LOSS

Statistics prepared by the Bureau of Entomology, offer conclusive proof that the United States suffers an approximate yearly damage, caused by insect pests, of

**\$795,100,000**

## Our Net Price

White's Feeding Basket.	Weight, 2 lbs.	.....each	\$0.75
All-in-One Bird House.	" 4 "	..... "	1.00
Three-Hole Entrance.	" 4 oz.	..... "	.25

## Sun Dials



No Garden complete without a Bronze Sun Dial. Extremely interesting as well as ornamental.

## Net Price.

No. 910	Size, 10-inch diameter	( 6 lbs.).....Each	\$5.00
No. 907	Size, 10 1/4 "	( 7 lbs.)..... "	6.00
No. 879	Size, 11 "	( 8 lbs.)..... "	7.50
No. 907A	Size, 11 1/4 "	( 9 lbs.)..... "	10.00
No. 921A	Size, 12 1/4 "	(10 lbs.)..... "	12.00
No. 921	Size, 14 1/4 "	(15 lbs.)..... "	18.00

Berlepsch Bird Houses  
Audubon Food Houses  
Weathercock Food Houses

We are prepared to deliver promptly and at reasonable prices, Berlepsch Nest Boxes, Audubon Food Houses, Weathercock Food Houses, and other devices for attracting birds to woodland, farm and garden. The houses are made of such woods as Hemlock, Oak, Ash, Bass Wood, Black Cherry, White Birch, and Yellow Birch, each with the natural bark adhering. Each house has attached to it at the back a hardwood batten, by which it may be fastened to the trunk of a tree, post, or side of a building. No pains are spared to make each individual bird home a perfect specimen of the type; the cavity in the log is practically a facsimile of the natural burrow of a bird, widening out as it descends and curving in again to a rounded point at the bottom.

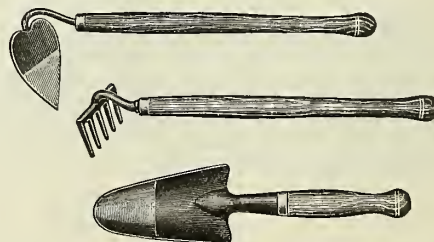


Size		Price
No. 1	For House Wrens ..... (5 lbs.) each	\$1.10
No. 2	For Nuthatches, Chickadees, etc.. (6 lbs.) "	1.20
No. 3	For Bluebirds, Downy Woodpeckers, etc. .... (8 lbs.) "	1.35
No. 4	For Flickers, Screech Owls, etc.. (10 lbs.) "	1.50
No. 5	For Pilcated Woodpeckers, etc.. (12 lbs.) "	1.75
No. 6	For Wood Ducks, Barn Owls, etc. .... (15 lbs.) "	2.50
Audubon Food House complete, with pole ....		10.00
Weathercock Food House, complete with pole. "		8.00

Prices are f. o. b. Lebanon, N. H.

Descriptive circulars mailed on application.

## Ladies' Floral Set



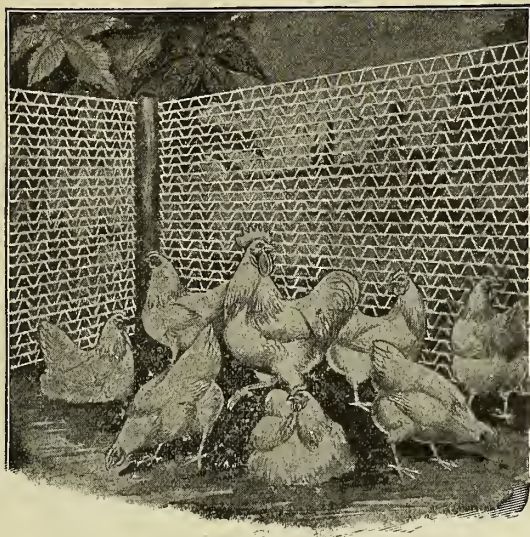
All handles are hand-turned and hand-finished, and are extra heavy. Tools are all finished in red enamel. These are all practical tools and are put up, each set in a strong box.

Hoe—heart shaped blade, heavy steel shank. Rake—heavy, five tooth, malleable iron. Trowel—heavy, six-inch, English Pattern.

Our net price (3 lbs.).....Each \$0.75



## United States Poultry Fence



The United States Poultry Fence is galvanized after weaving and will not rust as Fencing galvanized before weaving.

The United States Poultry Fence has proven best by test. It has long since established its superiority over other makes, and is in a class by itself. It is built to withstand *use and abuse* and is guaranteed to give satisfaction.

The United States Poultry Fence is strictly a "No-Sag" poultry fence, as the combination of line and mesh wires, closely woven, prevents any lengthening or narrowing between posts. These features place it a long stride beyond the Hex Mesh Netting, which never fails to narrow and lengthen if you attempt to stretch it to a tension required to prevent sagging.

Our Net Price Per Bale.

## No. 19. Wire Poultry Fence, 2-inch Mesh

12 in. high, per bale	\$1.60	42 in. high, per bale	\$5.60
18 " " "	2.40	48 " " "	6.42
24 " " "	3.20	54 " " "	7.22
30 " " "	4.00	60 " " "	8.02
36 " " "	4.80	72 " " "	9.62

## No. 19. Wire Chicken Fence, 1-inch Mesh

12 in. high, per bale	\$3.53	42 in. high, per bale	\$12.35
18 " " "	5.30	48 " " "	14.10
24 " " "	7.06	54 " " "	15.86
30 " " "	8.82	60 " " "	17.63
36 " " "	10.58	72 " " "	21.16

## Silver Finish "Hex" Poultry Netting

Width of bale		12 in.	18 in.	24 in.
No. 19 wire, 2-in. mesh.	Per bale	\$1.50	\$2.25	\$3.00
No. 19 " 1-in. "	"	3.90	5.85	7.80
No. 20 " 2-in. "	"	1.35	2.03	2.70
No. 20 " 1-in. "	"	3.30	4.95	6.60
Width of bale		30 in.	36 in.	42 in.
No. 19 wire, 2-in. mesh.	Per bale	3.75	4.50	5.25
No. 19 " 1-in. "	"	9.75	11.70	13.65
No. 20 " 2-in. "	"	2.48	4.05	4.70
No. 20 " 1-in. "	"	8.25	9.90	11.55
Width of bale		48 in.	60 in.	72 in.
No. 19 wire, 2-in. mesh.	Per bale	6.00	7.50	9.00
No. 19 " 1-in. "	"	15.60	19.50	23.40
No. 20 " 2-in. "	"	5.40	6.75	8.10
No. 20 " 1-in. "	"	13.20	16.50	19.80

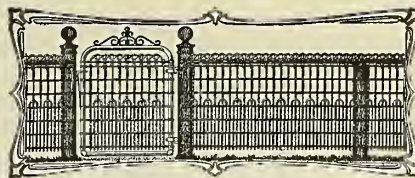
Bales contain 150 linear feet.

## Wire Fencing

Barb Wire (about 15 ft. to lb.)	Net price per lb.	\$0.07
Twisted " (about 16 ft. to lb.)	"	.07
Ribbon " (about 10 ft. to lb.)	"	.10
Staples for attaching above	"	.08

Best Quality Galvanized Steel Wire.

## Cyclone Sanitary Yard Fencing

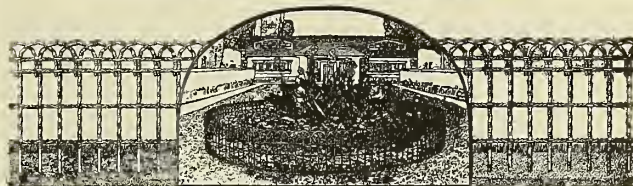


Style "F" Fabric is without question the neatest, strongest and most pleasing design yet conceived for ornamental fencing. It will not rot nor burn and being heavily galvanized requires no paint. Note also the sharp corrugation at the bottom of each picket—this effectually prevents the lower cable from being displaced. At the top, pickets of No. 9 wire are spaced  $2\frac{1}{4}$  inches apart, and woven into a double cable, giving extra strength where the greatest wear comes; an extra picket of the same size interwoven in the lower half, gives a spacing of but  $1\frac{1}{8}$  inches at the bottom, making it perfectly chicken proof.

## Style "F" Fence

36-inch. Style "F" Fabric (illustrated)	Per 100 ft.	\$0.15
42 " " " " " "	"	.17
48 " " " " " "	"	.19
3-foot Ornamental Gate to match		3.60
Pickets $1\frac{1}{8}$ in. apart at bottom.		

## Cyclone Flower Bed Border



Fits any shape or size of flower bed. Bottoms are left straight to project in the ground. Taken up in the winter and used from year to year.

16 inches high Per ft. \$0.08 22 inches high Per ft. \$0.09

## Cyclone Single Trellis

Just the thing for climbing vines and flowers. Cut to any length; suitable for any porch or yard.

18 inches wide Per ft. \$0.12 24 inches wide Per ft. \$0.13

## Cyclone Tree Guards

72 inches high x 9 inches in diameter . . . Each \$1.00  
Descriptive Catalogues mailed on application.

## Breck's Water Glass

Fresh Eggs in Winter at Summer Prices.

Of the various methods devised for preserving fresh eggs, only two have proved successful, viz: Cold storage with a temperature of 34, or the Water Glass Method, the latter being the only practical one for family use.

Water Glass is recommended by the U. S. Department of Agriculture as being one of the best preservatives, having no chemical action whatever. It simply seals the pores of the shells, keeping the contents of the egg in the same condition as when put into the solution.

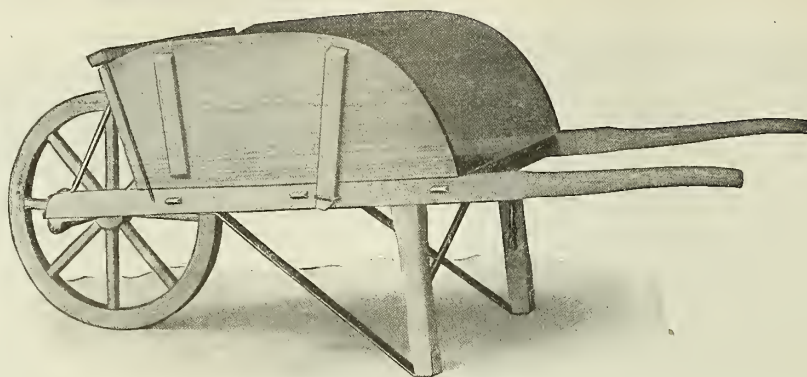
If directions are followed, fresh eggs will keep perfectly for a year or longer. Use only *Fresh Eggs*.

**DIRECTIONS.**—Use only clean, watertight glass or earthen receptacles, stone earthenware being preferable. To one quart Water Glass, add enough water to make ten quarts of solution. Stir or mix thoroughly. Dip each egg in this solution and pack in receptacle, small ends down. Cover eggs with solution to the depth of about two inches. Cover and set away in a cool cellar, out of the sunlight. Discard any eggs that float. If evaporation takes place, add water, but do not disturb or stir the fluid. A five-gallon stone jar with cover would hold fifteen dozen eggs, requiring one-half a gallon diluted, as above, to cover same. Do not use metal receptacles.

Our Net Price . . . . . Per gallon \$0.75



## WHEELBARROWS



## Breck's "Eureka" Garden Barrows

## 8-Spoke Iron Hub Wood Wheel Steel Axles

No. 3	Small "Boys' Size"	.	.	.	Net price, \$4.50
" 4	Medium "Garden Size"	.	.	.	" " 4.75
" 5	Large "Farm Size"	.	.	.	" " 5.00

### Lawn or Stable Barrow

Very large, for Leaves, Manure, etc. . Net Price, \$9.00

## Two-Wheel Barrows

Handy for Ensilage, etc. . . . Net Price, \$12.50

## Canal or Dump Barrows

Wood Tray, Steel Wheel	.	.	.	Net Price, \$2.75
" " Wood "	.	.	.	" " 2.75
Steel " Steel "	.	.	.	" " 3.50

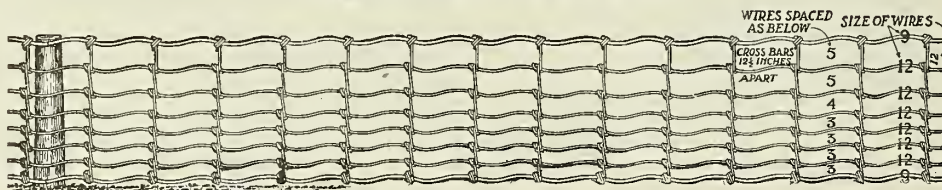
## Cement or Dirt Barrows

Steel Tray (capacity 4 cu. ft.) . . . Net Price, \$4.75

## Steel Coal Barrows

No. 6	Capacity 225 lbs. Coal	.	.	Net Price, \$13.50
" 7	" 300 " "	.	.	" " 16.50
" 8	" 450 " "	.	.	" " 18.00

## Page Woven Wire Fence



The points of superiority in the Page Woven Wire Fence are: stronger, springier wire; extra heavy galvanizing; and the most practical construction.

	Our Net Price Per Rod
8 Bar 26-inch L Hog . . . . .	\$0.74
Spacing: 3, 3, 3, 3, 4, 5, 6.	
9 Bar 33-inch L Hog . . . . .	.83
Spacing: 3, 3, 3, 4, 5, 5, 6.	
9 Bar 42-inch L Sheep . . . . .	.87
Spacing: 3, 4, 4, 5, 5, 6, 7, 8.	
10 Bar 36-inch L Division . . . . .	.91
Spacing: 3, 3, 3, 3, 4, 4, 5, 5, 6.	
8 Bar 45-inch R Dairy . . . . .	1.00
Spacing: 4, 5, 6, 7, 7, 8, 8.	
9 Bar 49-inch R Dairy loop top . . . . .	1.10
Spacing: 4, 4, 5, 6, 7, 7, 8, 8.	
11 Bar 48-inch R Lawn loop top . . . . .	1.25
Spacing: 3, 3, 3, 4, 4, 5, 5, 6, 7, 8.	
10 Bar 52-inch L Stock loop top . . . . .	.98
Spacing: 3, 3, 3, 3, 4, 4, 5, 5, 6, 7, 8.	
12 Bar 58-inch R Standard Farm loop top . . . . .	1.38
Spacing: 3, 3, 3, 4, 4, 4, 5, 6, 7, 8, 8.	
13 Bar 58-inch R Heavy Farm loop top . . . . .	1.44
Spacing: 3, 3, 3, 3, 4, 4, 4, 5, 6, 7, 8, 8.	

		Our Net Price Per Rod
16	Bar 48-inch I Garden loop top . . . . .	\$1.90
	Spacing: 2, 2, 2, 2, 2, 3, 3, 3, 3, 3, 4, 4, 4, 4, 5, 6.	
20	Bar 58-inch I Lawn loop top . . . . .	1.56
	Spacing: 2, 2, 2, 2, 2, 2, 2, 3, 3, 3, 3, 3, 3, 3, 4, 4, 4, 4, 5, 6.	
22	Bar 72-inch I Paddock . . . . .	2.25
	Spacing: 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 4, 5, 6, 6.	
25	Bar 88-inch I Park . . . . .	2.75
	Spacing: 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 3, 4, 4, 4, 4, 4, 4, 4, 4, 4, 5, 5, 5, 5,	
17	Bar 36-inch F Poultry . . . . .	1.00
	Spacing: 1½, 1½, 1½, 1½, 1½, 2, 2, 2, 2, 2, 2, 2, 3, 3, 3, 3, 3, 3.	
20	Bar 48-inch F Poultry . . . . .	1.18
	Spacing: 1½, 1½, 1½, 1½, 2, 2, 2, 2, 2, 2, 3, 3, 3, 3, 3, 3, 4, 4, 4.	
22	Bar 58-inch F Poultry . . . . .	1.30
	Spacing: 1½, 1½, 1½, 1½, 2, 2, 2, 2, 2, 2, 2, 3, 3, 3, 3, 3, 3, 4, 4, 4, 4, 5, 5.	
24	Bar 70-inch F Poultry . . . . .	1.44
	Spacing: 1½, 1½, 1½, 1½, 2, 2, 2, 2, 2, 2, 3, 3, 3, 3, 3, 3, 4, 4, 4, 4, 5, 5, 5, 6, 6.	

Also, Page Wrought Iron Fence (40 styles).

Gates and Crown Lawn Fence.

## Catalogue on application

**OUR CATALOGUE OF AGRICULTURAL HARDWARE, IMPLEMENTS, MACHINES, DAIRY SUPPLIES, WOODENWARE, ETC.,** Is one of the most complete and best illustrated published in the United States. It is the result of our experience in this business covering a period of nearly a century. Heavy farm machinery and other lines not shown in this annual seed catalogue are fully described and priced.

**A copy will be mailed on application**



# Free Delivery and General Instructions Regarding Orders and Shipments

## FREE DELIVERY ANYWHERE IN THE UNITED STATES



HERE orders are accompanied by Cash, we Deliver Free to any Post Office, Railroad, Express Office or Freight Station at our Expense, except where otherwise noted:

Vegetable and flower seeds at the package, ounce,  $\frac{1}{4}$ -pound,  $\frac{1}{2}$ -pound and 1-pound prices.

Bulbs at the single and dozen rates.

Books and other publications.

Seeds in bulk, plants, nursery stock, fertilizers, insecticides, horticultural sundries and agricultural hardware forwarded by Parcel Post, express or freight, as purchaser may direct; or in the event of there being given no shipping instructions, we will use our judgment and endeavor to ship in a way that will best protect our customer's interests.

After taking receipt for goods in good order from transportation company, our responsibility ceases.

We would impress on our friends the importance of sending us their orders early. Please do not wait until spring, when we are so rushed that there is sometimes an unavoidable delay in filling orders. Use the order sheet which we send you with this catalog and giving us, written plainly, your name, post office address and shipping instructions.

We recommend that all plants and nursery stock be shipped by express; all such orders will be forwarded direct from our Nursery, the Breck-Robinson Nursery Co., Monroe Station, Lexington, Mass., and at our customer's expense, unless special arrangements are made regarding delivery at time order is placed.

**PACKING.** We make no charge for boxes or packing on orders at catalog prices. We charge for cotton bags as follows: 2 bushels, 24c. each; 1 bushel, 15c. each;  $\frac{1}{2}$  bushel, 12c. each;  $\frac{1}{4}$  bushel, 8c. each;  $\frac{1}{8}$  bushel, 6c. each. On flower pots and other fragile articles, packages will be charged extra at cost.

**PRICES.** Our prices are as low as those of any reliable dealer on the same quality of goods. For large orders, or on orders for export, we will be pleased to quote special prices.

**SHIPMENTS BY PARCEL POST.** Seeds in packages and in bulk, bulbs and the majority of the articles shown in the Horticultural, Sundry, Insecticide and Hardware Sections of our catalog, can be delivered at your door or post office by Parcel Post. To enable our customers to estimate the amount which they should remit to cover Parcel Post charges, we give below a table of Parcel Post rates and condensed instructions in regard to Parcel Post shipments. The approximate weights of the seeds sold by measure, including the weight of container, is as follows: Peas, beans and corn weigh approximately 1 pound per pint, including containers; potatoes, 2 pounds to the quart, 15 pounds per peck and 60 pounds per bushel.

### Zones.

		1st Up to 50 miles.	2d 50 to 150 miles.	3d 150 to 300 miles.	4th 300 to 600 miles.	5th 600 to 1,000 miles.	6th 1,000 to 1,400 miles.	7th 1,400 to 1,800 miles.	8th Over 1,800 miles.
1	\$0.05	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12
2	.06	.06	.06	.08	.11	.14	.17	.21	.24
3	.06	.07	.07	.10	.15	.20	.25	.31	.36
4	.07	.08	.08	.12	.19	.26	.33	.41	.48
5	.07	.09	.09	.14	.23	.32	.41	.51	.60
6	.08	.10	.10	.16	.27	.38	.49	.61	.72
7	.08	.11	.11	.18	.31	.44	.57	.71	.84
8	.09	.12	.12	.20	.35	.50	.65	.81	.96
9	.09	.13	.13	.22	.39	.56	.73	.91	1.08
10	.10	.14	.14	.24	.43	.62	.81	1.01	1.20
11	.10	.15	.15	.26	.47	.68	.89	1.11	1.32
12	.11	.16	.16	.28	.51	.74	.97	1.21	1.44
13	.11	.17	.17	.30	.55	.80	1.05	1.31	1.56
14	.12	.18	.18	.32	.59	.86	1.13	1.41	1.68
15	.12	.19	.19	.34	.63	.92	1.21	1.51	1.80
16	.13	.20	.20	.36	.67	.98	1.29	1.61	1.92
17	.13	.21	.21	.38	.71	1.04	1.37	1.71	2.04
18	.14	.22	.22	.40	.75	1.10	1.45	1.81	2.16
19	.14	.23	.23	.42	.79	1.16	1.53	1.91	2.28
20	.15	.24	.24	.44	.83	1.22	1.61	2.01	2.40
21	.15	.25	.25						
22	.16	.26	.26						
23	.16	.27	.27						
24	.17	.28	.28						
25	.17	.29	.29						
26	.18	.30	.30						
27	.18	.31	.31						
28	.19	.32	.32						
29	.19	.33	.33						
30	.20	.34	.34						
31	.20	.35	.35						
32	.21	.36	.36						
33	.21	.37	.37						
34	.22	.38	.38						
35	.22	.39	.39						
36	.23	.40	.40						
37	.23	.41	.41						
38	.24	.42	.42						
39	.24	.43	.43						
40	.25	.44	.44						
41	.25	.45	.45						
42	.26	.46	.46						
43	.26	.47	.47						
44	.27	.48	.48						
45	.27	.49	.49						
46	.28	.50	.50						
47	.28	.51	.51						
48	.29	.52	.52						
49	.29	.53	.53						
50	.30	.54	.54						

On all sundries, Insecticides, Tools and other merchandise which can be sent by Parcel Post, we have given the approximate weights in brackets, thus ( ) and by referring to the table of Parcel Post rates you can readily ascertain the exact amount to remit to cover cost of postage and delivery to your door.

### TABLE OF PARCEL POST RATES

Rates of postage on Fourth Class or Parcel Post matter—to be fully prepaid—unsealed—are as follows:

(a) Parcels weighing four ounces or less, except books, seeds, plants, etc.

one cent for each ounce or fraction thereof, any distance.

(b) Parcels weighing eight ounces or less, containing books, seeds, cuttings, bulbs, roots, scions and plants, one cent for each two ounces or fraction thereof, regardless of distance.

(c) Parcels weighing more than eight ounces, containing books, seeds, plants, etc., parcels of miscellaneous printed matter weighing more than four pounds, and all other parcels of fourth-class matter weighing more than four ounces are chargeable according to distance zone, at the pound rates shown in the above table, a fraction of a pound being considered a full pound.

The limit of weight of fourth-class matter is 50 pounds for parcels mailed for delivery within the first and second zones, and 20 pounds for all other zones.

**Limit of Size.**—Parcel Post matter may not exceed 72 inches in length and girth combined. In measuring a parcel the greatest distance in a straight line between the ends (but not around the parcel) is taken as its length, while the distance around the parcel at its thickest part is taken as its girth. For example, a parcel 35 inches long, 10 inches wide, and 5 inches high measures 65 inches in length and girth combined.

(Extract from Circular 111, Post Office Department.)

*J. A. Breckinridge*  
(CORPORATION.)

BOSTON, MASS.

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TELEPHONE, RICHMOND 2360  
Private Branch Exchange Connecting all Departments





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ESTABLISHED 1912

**GROWERS AND IMPORTERS OF  
HIGH GRADE TREES AND PLANTS**

**COMPLETE PLANS AND ESTIMATES  
FOR ALL CLASSES OF  
LANDSCAPE DEVELOPMENT AND FORESTRY SERVICE**

**ILLUSTRATED CATALOG ON APPLICATION**

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LEXINGTON.**

**51-52 N. MARKET ST.,  
BOSTON.**